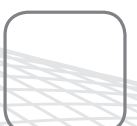
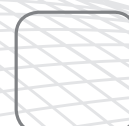


Advanced Materials

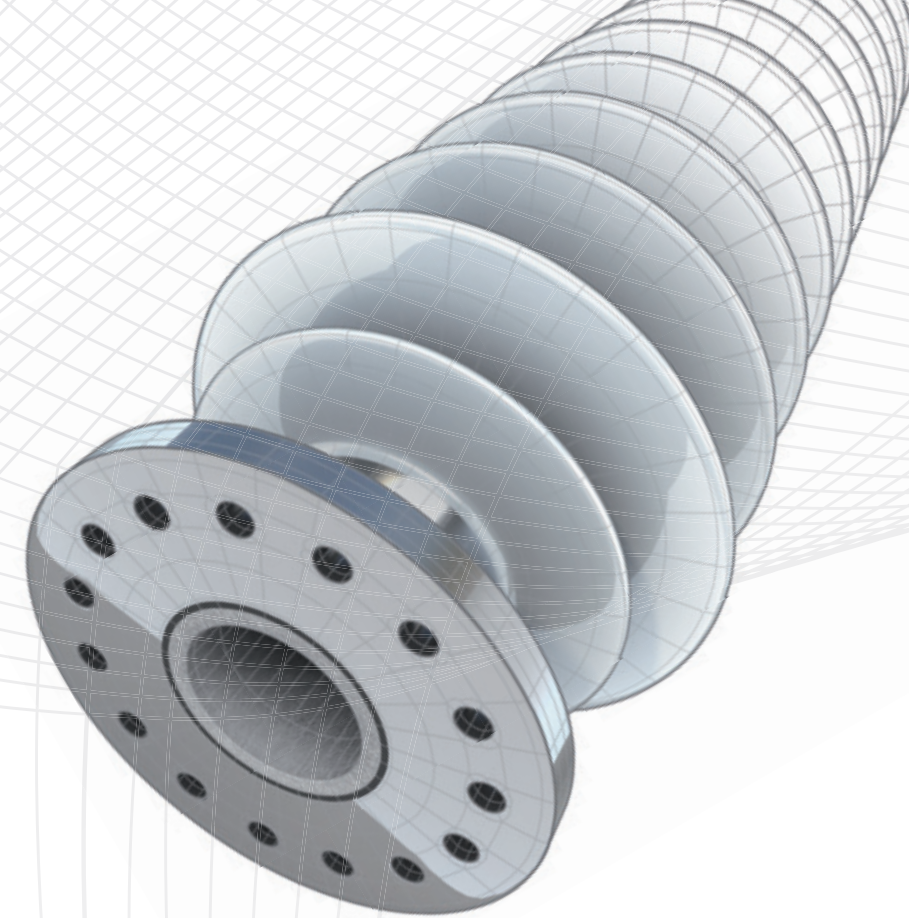
Reliable and comprehensive insulation solutions

Selector guide
for electrical
engineering





Rely on
us with
confidence



Rely on us with confidence

For more than 60 years, Huntsman Advanced Materials has been developing innovative solutions that are used during virtually every stage in the production of power applications. Our know-how and expertise allow us to answer the most stringent requirements for electrical engineering:

- > High thermal resistance and thermal conductivity
- > Flame-retardancy (UL94 V0/HB listing and EN/TS 45545 qualifications)
- > Excellent mechanical and dielectric properties
- > Variable hardness and high dimensional stability
- > Good chemical resistance and low water uptake
- > Reduced production costs and improved efficiency

Araldite®
Arathane®

The original brands
serving worldwide electrical
engineering for more than
half a century.



More than just products

All products are tested in our in-house in our electrical and mechanical testing laboratories to ensure they provide the desired properties and comply with environmental requirements. Our own ISO/IEC 17025 accredited laboratory can speed up the approval process and minimize time-to-market. Moreover, our global manufacturing footprint including ISO/TS (IATF) 16494 certified plants in Europe, China and the US and our local technical support teams ensure the highest proximity to our customers.

Reliable and comprehensive solutions for electrical engineering

Generators and motors

Araldite® and Aradur® impregnation systems can be used in all insulation components of motors and generators thanks to their high mechanical strength, the strong adhesion to various metals and substrates and their excellent dielectric properties.

Insulators and bushings

Araldite® and Aradur® casting systems are backed by 40 years of service experience and offer good and proven weathering resistance required for outdoor applications.

Switchgears

Araldite® and Aradur® casting systems can be used in indoor and outdoor applications and fulfill the general requirements for casting systems for switchgear parts which are medium to high glass transition temperature.

Instrument transformers

One of the major properties of Araldite® and Aradur® casting systems is high crack resistance, which is mandatory for instrument transformer castings.

Dry-type distribution transformers

The dry-type distribution transformer application is one of the fields where Araldite® systems have gained their long successful experience. Our Araldite® product range fulfills the very demanding requirements on insulation systems which are high crack resistance, slow curing process and a high thermal class.

Your needs

- > High mechanical strength
- > Strong adhesion to various metals and substrates
- > Excellent dielectric properties
- > Anhydride free

Our solutions

- > Araldite® impregnation systems with thermal class F/H

Your needs

- > Obtain high cantilever strength
- > Void free castings
- > Good weathering resistance

Our solutions

- > Araldite® cycloaliphatic outdoor systems are backed by 40 years of service experience
- > Araldite® HCEP systems reduce leakage currents and improve reliability and extend life expectancy
- > ERIP system, with low exothermic reaction
- > Cost effective filament winding systems

Your needs

- > Medium to high glass transition temperature
- > Tg adjusted to service temperature
- > High resistance to mechanical creeping
- > Good weathering resistance

Our solutions

- > Araldite® casting systems with high Tg
- > Araldite® HCEP systems reduce leakage currents and improve reliability and extend life expectancy
- > Araldite® NPC systems increase productivity

Your needs

- > High crack resistance
- > Low glass transition temperature
- > Good weathering resistance
- > Low partial discharge level of castings

Our solutions

- > Solid Araldite® resins with a 50-year experience
- > Flexibilised Araldite® system, Tg adjustable
- > Prefilled, toughened systems for indoor and outdoor

Your needs

- > High crack resistance
- > Slow curing process
- > High thermal class
- > Flame-retardancy

Our solutions

- > Araldite® vacuum casting systems with thermal class F/H



More than 30 years of in-house expertise

Our technical experts answer your challenges

We have an extensive field experience in the global electrical insulation sector. We guide you through our product portfolio and recommend the most efficient systems to meet your needs and process. We know the technical factors of success and travel to your location to assist and collaborate.

Our electrical insulation R&D team prepares you for the future

Our experienced chemists in Europe work constantly on innovations that improve products features, processability and solutions that address upcoming REACH restrictions.

State-of-the-art in-house facilities

Dedicated electrical insulation application center

- > can produce according to your specs using our in-house equipments such as Vacuum casting, Automated Pressure Gelation (APG) and Vacuum Pressure Impregnation (VPI)
- > can help you to simulate and optimize the casting process
- > deals with your challenges and finds the best solutions for you.

In-house electrical and mechanical testing center

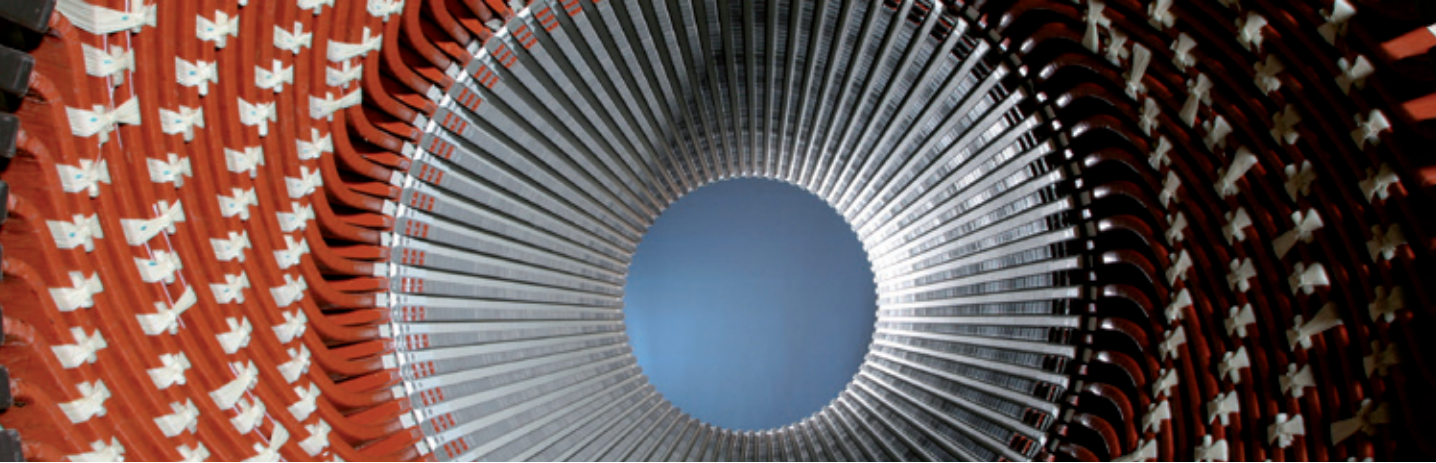
All of our products are tested in our in-house electrical and mechanical testings center. We can also provide thermal shock, thermal ageing, UV and weathering ageing tests that ensure the long-term reliability of our products.

We have built substantial knowledge, expertise and practical skills from decades of developing, testing, implementing and analyzing solutions for various industry challenges.

Our extensive range of experts enables us to provide more than chemical products by activating the best-in-class service for our customers and partners.



Trust our
team
of experts



Generators and motors

Impregnation systems

Product designation	Mix ratio	Tg	Viscosity	Thermal class	Manufacturing process	Main features
Conditions			25°C			
Norm						
Unit	pbw	°C	mPa·s			
Resin XD 4410	1-component	125	1 500	F	Vacuum pressure impregnation	1-component, excellent dielectric properties. Anydride-free.
Araldite® MY 790-1 / Aradur® HY 1102	100 : 100	143	400	H	Vacuum pressure impregnation	Standard system, thermal class H, high Tg. Excellent bath stability, low tan delta at high temperature.
Araldite® CY 192-1 / Aradur® HY 918-1	100 : 100	92	200	F	Vacuum pressure impregnation	Outstanding arc and tracking resistance, high flexibility and crack resistance.



Insulators and bushings

Monolithic insulators and bushings - Casting systems

Product designation	Mix ratio	Tg	KIC	Manufacturing process	Main features
Conditions					
Norm					
Unit	pbw	°C	mPa·m0.5		

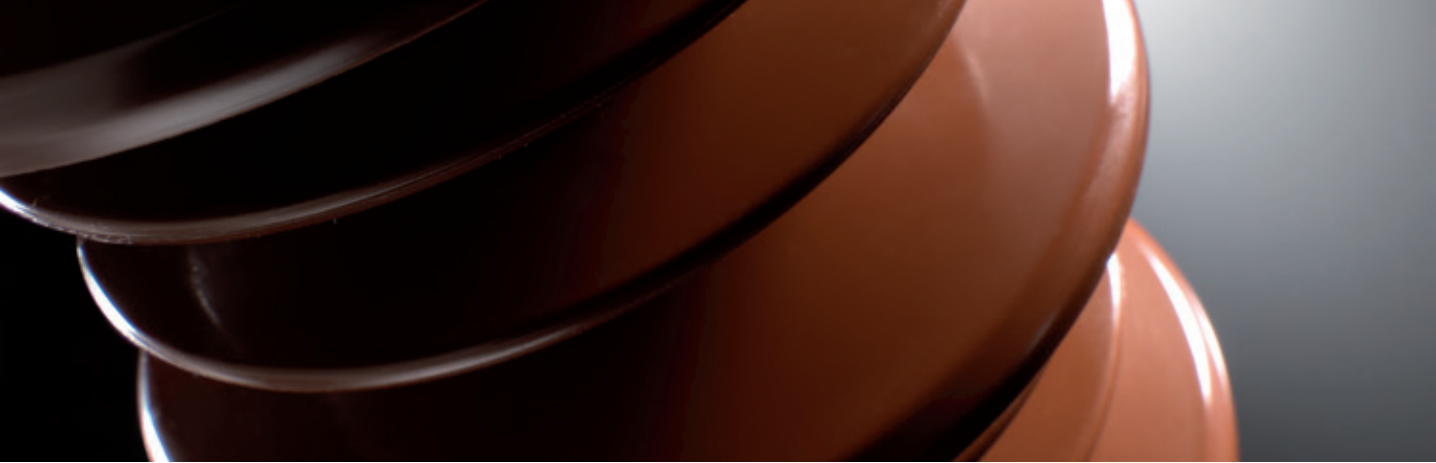
Indoor applications

Araldite® CY 228-1 / Aradur® HY 918-1 / Accelerator DY 062 or DY 067 / Filler Silica	100 : 85 : 0.8 : 345	110	2.1	Automatic pressure gelation, vacuum casting	High mechanical and electrical properties, good thermal shock resistance, high filler content possible.
Araldite® CW 229-3 / Aradur® HW 229-1	100 : 100	115	2.9	Automatic pressure gelation, vacuum casting	Wollastonite prefilled system, low thermal expansion coefficient, high crack resistance, moderate reactivity, UL 746 B recognition for 200°C service temperature.
Resin XB 5915 / Hardener XB 5916	70 : 100	140	2.7	Automatic pressure gelation, vacuum casting	Toughened, high Tg, wollastonite pre-filled, suitable for medium voltage and high voltage, high crack resistance.

Outdoor applications

Araldite® CEP standard systems					
Araldite® CY 184 / Aradur® HY 1235 / Accelerator DY 062 or DY 067 / Filler Silica-EST	100 : 90 : 0.6 : 370	110	2.5	Automatic pressure gelation, vacuum casting	Long experience, liquid hardener, also used in severe indoor conditions (pollution humidity), EDF approved (HN-26-E-20).
Resin XB 5918-3 / Hardener XB 5919-3	100 : 100	110	2.6	Automatic pressure gelation, vacuum casting	Core shell toughened outdoor system, prefilled, high crack resistance.

Araldite® HCEP systems with hydrophobic properties					
Araldite® CY 5622 / Aradur® HY 1235 / Accelerator DY 062 or DY 067 / Filler Silica-EST	100 : 82 : 0.45 : 355	110	2.5	Automatic pressure gelation, vacuum casting	Hydrophobic cycloaliphatic system with liquid hardener, excellent thermal cycle resistance, hydrophobicity transfer and recovery, extended insulator lifetime, utility approvals. Approved according to EN 45545 for railway applications: best class R23 / HL 3 suited for tunnels.
Resin XB 5957 / Hardener XB 5958	100 : 100	110	2.5	Automatic pressure gelation, vacuum casting	Hydrophobic pre-filled cycloaliphatic system, improved crack resistance, hydrophobicity transfer and recovery, extended insulator lifetime.



Insulators and bushings (continued)

Composite insulators and bushings - Impregnation systems

Product designation	Mix ratio	Tg	Viscosity	Flexural strength	Manufacturing process	Main features
Conditions			25°C			
Norm						
Unit	pbw	°C	mPa·s	Mpa		

For rods and tubes

Araldite® MY 740 / Aradur® HY 1102 / Accelerator DY 062 or DY 067	100 : 90 : 0.2	140	1 000	115	Pultrusion, filament winding, vacuum impregnation	Standard system with variable accelerator amount.
Araldite® MY 740 / Aradur® HY 906 / Accelerator DY 070	100 : 95 : 1.2	170	1 500	145	Pultrusion, filament winding	High Tg system with good mechanical properties.
Araldite® MY 740 / Aradur® HY 918-1 / Accelerator DY 062	100 : 85 : 1.3	120	700	160	Pultrusion, filament winding	Standard system with high mechanical performance.
Araldite® CY 179 / Aradur® HT 907 / Accelerator DY 072	100 : 105 : 8.5	155	280	100	Filament winding	Low viscosity standard system for high Tg. Moderate reactivity. System also available with liquid hardener.

For resin impregnated paper bushings

Resin XB 5860 / Aradur® HY 1235	100 : 85	130	650	170	Vacuum impregnation	Very good mechanical properties, preaccelerated, moderate reactivity, low exothermic reaction.
Araldite® MY 740 / Aradur® HY 1102 / Accelerator DY 062 or DY 067	100 : 90 : 0.2	140	1 000	115	Vacuum impregnation	Standard system with variable accelerator amount.
Araldite® MY 790-1 / Aradur® HY 1102 / Accelerator DY 9577 / Accelerator DY 073-1	100 : 90 : 0.16 : 0.04	143	400	135	Vacuum impregnation	Thermal class H, high Tg. Ultra high voltage bushings.

Gap filling dielectric - PU foam

Arathane® CY 11035-1 / Aradur® HY 11036	100 : 25	-65	2 400	Elongation: 200%	Gas infusion mixing and dosing	Permanent elastic foam, low dielectrics, easy gap filling.
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Switchgears

Indoor systems

Product designation	Mix ratio	Tg	KIC	Manufacturing process	Main features
Conditions					
Norm					
Unit	pbw	°C	mPa·m0.5		

For medium voltage

Araldite® CY 228-1 / Aradur® HY 918-1 / Accelerator DY 062 or DY 067 / Filler Silica	100 : 85 : 0.8 : 345	110	2.1	Automatic pressure gelation, vacuum casting	High mechanical and electrical properties, good thermal shock resistance, high filler content possible.
Araldite® CY 225 / Aradur® HY 925 / Filler Silica	100 : 80 : 280	115	1.9	Automatic pressure gelation, vacuum casting	High mechanical and electrical properties, good thermal shock resistance.
Araldite® CY 5997 / Aradur® HY 5998-1 / Accelerator DY 062 or DY 067 / Filler Silica	100 : 85 : 0.75 : 340	115	2.4	Automatic pressure gelation	Preaccelerated hardener, high mechanical and electrical properties, good thermal shock resistance, high filler content possible.
Araldite® CY 5995 / Aradur® HY 925 / Filler Silica	100 : 80 : 270	120	2.5	Vacuum casting	Toughened system with high mechanical properties and excellent thermal shock resistance.
Araldite® CW 229-3 / Aradur® HW 229-1	100 : 100	115	2.9	Automatic pressure gelation, vacuum casting	Wollastonite prefilled system, low thermal expansion coefficient, high crack resistance, moderate reactivity, best suited for vacuum casting, UL 746 B recognition for 200°C service temperature.

For high voltage

Araldite® CY 5995 / Aradur® HY 925 / Filler Al 2O3	100 : 87 : 400	120	2.3	Automatic pressure gelation, vacuum casting	Toughened system for high voltage GIS.
Resin XB 5950 / Hardener XB 5951 APG	100 : 100	130	2.0	Automatic pressure gelation	Alumina prefilled system for high voltage GIS applications with high Tg and high mechanical properties.
Solid resin Araldite® B 41 / Aradur® HT 903 / Filler Silica or Al 2O3	100 : 40	115	2.4	Vacuum casting	High mechanical and electrical properties, good thermal shock resistance, big volume casting possible, high process temperatures needed.



Switchgears (continued)

Outdoor systems

Product designation	Mix ratio	Tg	KIC	Manufacturing process	Main features
Conditions					
Norm					
Unit	pbw	°C	mPa·m0.5		

For medium voltage

Araldite® CEP standard systems					
Araldite® CY 184 / Aradur® HY 1235 / Accelerator DY 062 or DY 067 / Filler Silica-EST	100 : 90 : 0.6 : 370	110	2.5	Automatic pressure gelation, vacuum casting	Long experience, liquid hardener, also used in severe indoor conditions (pollution humidity), EDF approved (HN-26-E-20).
Resin XB 5918-3 / Hardener XB 5919-3	100 : 100	110	2.6	Automatic pressure gelation, vacuum casting	Core shell toughened outdoor system, prefilled, high crack resistance.

Araldite® HCEP systems with hydrophobic properties					
Araldite® CY 5622 / Aradur® HY 1235 / Accelerator DY 062 or DY 067 / Filler Silica-EST	100 : 82 : 0.45 : 355	110	2.5	Automatic pressure gelation, vacuum casting	Hydrophobic cycloaliphatic system with liquid hardener, excellent thermal cycle resistance, hydrophobicity transfer and recovery, extended insulator lifetime, utility approvals. Approved according to EN 45545 for railway applications: best class R23 / HL 3 suited for tunnels.
Resin XB 5957 / Hardener XB 5958	100 : 100	110	2.5	Automatic pressure gelation, vacuum casting	Hydrophobic prefilled cycloaliphatic system, improved crack resistance, hydrophobicity transfer and recovery, extended insulator lifetime.



Instrument transformers

Systems for medium voltage

Product designation	Mix ratio	Tg	KIC	Manufacturing process	Main features
Conditions					
Norm					
Unit	pbw	°C	mPa·m0.5		

Indoor applications

Araldite® CY 228-1 / Aradur® HY 918-1 / Flexibilizer DY 045 / Accelerator DY 062 or DY 067 / Filler Silica	100 : 85 : 20 : 0.8 : 385	70	2.7	Automatic pressure gelation, vacuum casting	Standard, low viscosity, high filler load. DY 042 available as flexibilizer with improved toughness.
Araldite® CW 229-3 / Aradur® HW 229-1	100 : 100	115	2.9	Automatic pressure gelation, vacuum casting	Wollastonite prefilled system, low thermal expansion coefficient, high crack resistance, moderate reactivity, best suited for vacuum casting, UL 746 B recognition for 200°C service temperature.
Araldite® CY 5995 / Aradur® HY 227 / Filler Silica	100 : 100 : 300	60	3.5	Vacuum casting	Highest toughness and crack resistance.

Outdoor applications

Araldite® CEP standard systems					
Resin XB 5918-3 / Hardener XB 5919-3	100 : 100	110	2.6	Automatic pressure gelation, vacuum casting	Core-shell toughened outdoor system, prefilled, high crack resistance.
Araldite® CY 184 / Aradur® HY 1235 / Flexibilizer DY 044 / Accelerator DY 062 or DY 067 / Filler Silica	100 : 90 : 20 : 0.6 : 410	80	3.0	Automatic pressure gelation, vacuum casting, rapid automatic pressure gelation	Excellent mechanical and dielectrical properties, good thermal shock, high resistance to erosion under UV, high tracking and arc resistance.

Araldite® HCEP systems with hydrophobic properties					
Araldite® CY 5622 / Aradur® HY 1235 / Accelerator DY 062 or DY 067 / Filler Silica-EST	100 : 82 : 0.45 : 355	110	2.5	Automatic pressure gelation, vacuum casting	Hydrophobic cycloaliphatic system with liquid hardener, excellent thermal cycle resistance, hydrophobicity transfer and recovery, extended insulator lifetime, utility approvals.
Resin XB 5957 / Hardener XB 5958	100 : 100	110	2.5	Automatic pressure gelation, vacuum casting	Hydrophobic prefilled cycloaliphatic system, improved crack resistance, hydrophobicity transfer and recovery, extended insulator lifetime.



Dry-type distribution transformers

Product designation	Mix ratio	Tg	KIC	Thermal class	Manufacturing process	Main features
Conditions						
Norm						
Unit	pbw	°C	mPa·m0.5			
Araldite® CW 229-3 / Aradur® HW 229-1	100 : 100	115	2.9	H	Vacuum casting	Wollastonite prefilled system, low thermal expansion coefficient, high crack resistance, moderate reactivity, UL 746 B recognition for 200°C service temperature.
Araldite® CY 5948 BROWN / Aradur® HY 925-1 WMO / Filler Silica	100 : 80 : 350	85	3.0	200	Vacuum casting	RAL 8016 color with good hiding power. UL 746 B recognition for 200°C service temperature. Additional hardener HY 925 available for different reactivity.
Araldite® CY 5948 / Aradur® HY 926 / Filler Silica	100 : 80 : 350	85	2.8	200	Vacuum casting, vacuum impregnation	UL 746 B recognition for 200°C service temperature. Also used without filler for GFRP structures.
Araldite® CY 5980 / Aradur® HY 5980 / Accelerator DY 061 (glass fiber)	100 : 95 : 0.2	100	-	H	Vacuum impregnation	High thermal stability low viscosity system, high glass fiber load possible.
Araldite® CY 5538 / Aradur® HY 5571-2 / Filler Al(OH)3 / Filler Silica	100 : 100 : 310 : 80	55	2.1	F	Vacuum casting	Suitable for flame retardant cast resin transformers fulfilling IEC 60076-11 F1 E2 C2, low viscosity, low Tg, high filler load.
Resin XB 5942 / Hardener XB 5943	100 : 100	55	2.4	F	Vacuum casting	Prefilled, low viscosity, low Tg system to meet IEC 60076-11 requirements F1 E2 C2.
Araldite® CY 225 / Aradur® HY 227 / Filler Silica	100 : 100 : 300	65	3.0	F	Vacuum casting	Standard system with long experience, low Tg, very high crack resistance.
Araldite® F / Aradur® HY 905 / Flexibilizer DY 040 / Accelerator DY 061 / Filler Silica	100 : 100 : 10 : 1 : 410	95	2.8	F	Vacuum casting	Multi purpose standard system with long experience, low Tg, high crack resistance.



Adhesives

Product designation	Color	Mix ratio	Mix viscosity	Pot life	Cure time to LSS = 1 N/mm²	Lap shear strength	E-modulus	Elongation at break	Benefits
Conditions			RT	23°C, 100g	23°C	Aluminium	23°C	23°C	
Norm									
Unit		pbw	Pa·s	min	min	N/mm²	N/mm²	%	
Araldite® CY 8767 / Aradur® HY 8767-1	black	100 : 25	1	> 100	1 h at 65°C	-	3 600	2.7	Potting system for use in sealed acid and storage batteries. Low-cost alternative for terminal lead potting and housing sealing.
Araldite® AV 4415 / Hardener HV 4416-1	dark grey	100 : 50	thixotropic	90	15 min at 60°C	22	4 500	1	High performances on composites, bonds a wide range of substrates. Temperature resistance up to 180°C. Excellent resistance to most common chemicals. Non flowing paste for ease of application. Available in cartridges.
Araldite® AV 138M-1 / Hardener HV 998-1	grey	100 : 40	thixotropic	30	80 min at 40 °C	15	4 200	1	Good temperature and chemical resistance even with a cure at room temperature.
Araldite® 2014-2	grey paste	100 : 50	thixotropic	110	5 h at 23 °C	17	3 000	1	Multi purpose adhesive with a high temperature and chemical resistance even with a cure at room temperature. Available in cartridges.
Araldite® AV 4738 / Hardener HV 4739	grey paste	100 : 26	thixotropic	45	3 h at 23 °C	16	3 000	1.5	Temperature resistance up to 150 °C, excellent resistance to most chemicals. For metals and reinforced composites.
Araldite® 2011 (Araldite® AW 106 / Aradur® HV 953 U)	pale yellow	100 : 80	40	100	7 h at 23 °C	26	1 900	9	Multi purpose, long pot life, self-levelling adhesive with a good resistance to dynamic loading.
Araldite® AW 4859 / Hardener HW 4859 (Cartridge)	black	100 : 43	thixotropic	100	20 min at 60°C	33	1 500	5	High strength and toughness, good temperature resistance. Available in cartridges.

Product designation	Dielectric strength	Volume resistivity	Dielectric constant / Loss tangent	Loss tangent
Conditions	RT	RT	50Hz, RT	RT
Norm	IEC 60243-1	IEC 60093	IEC 60250	IEC 60250
Unit	kV/mm	Ohm	%	%
Araldite® 2014-2	25	2,7E+15	4.0	1.3
Araldite® 2011 (Araldite® AW 106 / Aradur® HV 953 U)	26	7,1E+14	3.4	1.7
Araldite® AV 4738 / Hardener HV 4739	no data	3,2E+15	4.4	1.4

Ancillaries

Coloring pastes

Product designation	Benefits
Araldite® DW 0131 / RAL 1013 (white)	Uniform and homogenous coloration. Minor effects on the processing and endproperties of a casting resin system. Light and heat resistance. Viscosity at 25°C: 20 - 160 Pas Pigment particle size below 50 µm.
Araldite® DW 0133 / RAL 3000 (red)	
Araldite® DW 0136 / RAL 8016 (brown)	
Araldite® DW 0137-1 / RAL 8022 (black)	
Araldite® DW 0138 / RAL 7035 (grey)	
Araldite® DW 0139 / RAL 3000 (red)	
Araldite® DW 9134 / RAL 7035 (grey)	

Flexibilizers

Product designation	Color	Color Index	pH value	Viscosity	Benefits
Conditions	visual	APHA	5% in water; 23°C	dynamic 25°C	in combination with Araldite® epoxy resin systems
Norm		ISO 6271; DIN EN 1557:1997	ISO 787-9	ISO 12058	
Unit				mPa·s	
Flexibilizer DY 042	clear liquid	< 30	5.0 - 7.0	45 - 65	Low viscosity. Superior toughening / higher flexibility. Better crack resistance. Less amount required.
Flexibilizer DY 044	clear liquid	< 60	4.0 - 7.0	150 - 200	Addition up to 20% possible.
Flexibilizer DY 045	colorless liquid	< 15	5.0 - 7.0	80 - 105	Addition up to 20% possible.

Release agent

Product designation	Benefits
Mold release QZ 66	Solvent-free mold release agent. Improved working hygiene. Optimum release effects. Enables precise reproduction of surface detail, contours. Allows smooth demolding at mold temperatures up to 250°C. Little amount needed for good release. Fast drying times. Does not corrode Araldite® epoxy or metal molds. Multiple demold.

Cleaning agent

Product designation	Benefits
Ara® Ecocleaner	Suitable alternative to solvents such as acetone, methylene chloride or NMP. Non-toxic. No hazard label. Improved working hygiene. Non flammable. High flash point. Readily biodegradable. Recycling by filtering. Flash point 103°C. Vapour pressure (20°C) of 25 Pa.

Application technologies

Process 1-2 = Casting | Process 3-4 = Impregnation

Why using this process ?	Which criteria need to be considered for the selection of a resin system ?	What are the typical applications ?
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1. Vacuum casting

Ensuring perfect impregnation of high voltage windings Reliable electrical insulation Excellent chemical and mechanical protection Short cycle times Fully automatic continous production lines Mass production with highest productivity	Excellent impregnation and gap filling capability Low viscosity for easy processing High crack resistance Low coefficient of thermal expansion High thermal durability (thermal class) High dielectric strength High heat conductivity Sedimentation stability Supply in bulk container	Insulators Bushings Stators / Rotors
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2. Automated Pressure Gelation (APG)

Short cycle times Void free castings Shrinkage compensation Feeding of clamping machines over ring lines with central resin system preparation	Low viscosity for easy processing Sedimentation stability Fast demolding and curing Thermal class High crack resistance Low coefficient of thermal expansion High heat conductivity	Insulators Bushings Stators / Rotors Switchgears
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3. Trickle impregnation

Ensuring void-free impregnation of windings No loss of impregnating resin Automatic trickle machines for continous process Excellent bonding and mechanical fixation Good heat dissipation	Solvent-free resins Thermal class High tracking resistance and dielectric strength High mechanical strength High humidity and chemical resistance Humidity	Small motors for hand tools and household appliances Stators / Rotors
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4. Vacuum Pressure Impregnation (VPI)

Ensuring void-free impregnation Reliable electrical insulation with lowest partical discharges Excellent bonding and mechanical fixation Good heat dissipation	Low viscosity Stable viscosity 1-/2-component systems Thermal class High tracking resistance and dielectric strength Humidity and chemical resistance	Large motors and generators
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With customer understanding

We market a unique product portfolio and a broad range of forward-looking solutions for our customers. Customers and partners benefit from an advanced level of service in:

- > Product development and quality control
- > Product trials in-house and with customers
- > Customer seminars and training
- > Trouble-shooting and problem-solving

Partnership with our customers is more than simply «putting them first». It requires long-term commitment to forge close relationships that create synergies of knowledge, security and adaptability to create a successful, shared future.

With care

Sustainability is a fundamental part of our corporate and business strategy. We see a better world in which our innovations help reduce consumption of natural resources and improve the quality of life for people everywhere. We are identifying the long-term trends that affect our markets and looking at how our products and applications can play a part in supporting and providing solutions to the challenges those markets face.



With innovation

Every day, all over the world, our Technical Competence centers engage in intensive research and development focusing on one goal; to deliver innovative solutions by working hand-in-hand with our business partners. Together through a continual exchange of ideas, supported by an experienced team of sales and technical specialists, we strive to deliver innovative solutions.

We track both new market expectations and changing regulations. Protection of the environment, as well as health and safety are paramount concerns that play an integral part in our development projects.

By providing certified technologies and patented products in combination with high quality and reliability, our chemists and experts bring enhanced value to our customers to ensure their success.



We value
your
challenge

Huntsman Advanced Materials

Our Advanced Materials division is a leading global chemical solutions provider with a long heritage of pioneering technologically advanced epoxy, acrylic, phenolic and polyurethane-based polymer products.

Our capabilities in high-performance adhesives and composites, delivered by more than 1 600 associates, serve over 2 000 global customers with innovative, tailor-made solutions and more than 1 500 products which address global engineering challenges.

We operate synthesis, formulating and production facilities around the world



HUNTSMAN

Enriching lives through innovation

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