

AME® 6000 T-35 Premium Marine Resin

AME 6000 T-35 premium marine resin is a preaccelerated, thixotropic low VOC epoxy vinyl ester based laminating resin. High performance marine composites can be constructed using AME 6000 T-35 resin offering;

- Superior laminate strength
- High heat resistance
- Good surface quality
- Excellent hydrolysis resistance
- User friendly processing

Typical liquid resin properties

Property	Value	Unit	Method
Viscosity , Brookfield (5 rpm) at 25C	1300	mPas	ISO 2555
Viscosity, Cone & Plate at 25 C	300	mPas	ISO 2884
Styrene content	35	%	SFS 4864
Gel time at 25 C (1,5% MEKP-50)	35	min	D006

Typical cured resin properties

Property	Value	Unit	Method
Postcured for 2h at 60 C			
Tensile Strength	81	MPa	ASTM D-638
Tensile Modulus	3,5	GPa	ASTM D-638
Tensile Elongation	4,2	%	ASTM D-638
Flexural Strength	131	MPa	ASTM D-790
Flexural Modulus	3,7	GPa	ASTM D-790
Heat Deflection Temperature	79	C	ASTM D-648
Postcured for 2 hours at 138 C			
Tensile Strength	89	MPa	ASTM D-638
Tensile Modulus	3,7	GPa	ASTM D-638
Tensile Elongation	3,5	%	ASTM D-638
Flexural Strength	137	MPa	ASTM D-790
Flexural Modulus	3,8	GPa	ASTM D-790
Heat Deflection Temperature	124	C	ASTM D-648

Application and use

AME 6000 T-35 resin is recommended for marine applications and can be hand layed-up or sprayed-up. AME 6000 T-35 is designed as a premium skin coat resin and back up resin for high performance off-shore motor and sailing yachts, that remain in the water for an extended period of time.



Ashland is committed to continuous evolution of technology and service solutions that promote health, safety and environmental protection around the world.

© Registered trademark and ™ trademark of Ashland Inc.
* Registered service mark of the American Chemistry Council
© Ashland Inc. All rights reserved.

AME® 6000 T-35 Premium Marine Resin

Certificates and approvals

AME 6000 T-35 premium marine resin is approved by Lloyd's Register of Shipping for use in boat building.

Handling and storage

It is highly recommended that all material is stored at stable temperature under 20 C preferably indoors, and away from sunlight. Prolonged storage outside of recommended conditions can influence liquid resin properties like viscosity and gel time. It is also strongly recommended to mix resin thoroughly before use. Shelf life of AME 6000 T-35 is three (3) months.

Notice

All information presented herein is believed to be accurate and reliable, and is offered solely for your consideration, investigation and verification. The information is not to be taken as an express or implied warranty or representation for which Ashland assumes legal responsibility. Any warranties, including warranties of merchantability or non-infringement of intellectual property rights of third parties, are herewith expressly excluded.

Since the users product formulations, specific use applications and conditions of use are beyond the control of Ashland, Ashland makes no warranty or representation regarding the results which may be obtained by the user. It shall be the responsibility of the user to determine the suitability of any of the products mentioned for the users specific application.

Ashland requests that the customer reads, understands and complies with the information contained herein and the current Material Safety Data Sheet.

More information

EUROPEAN HEADQUARTERS
C/Numancia 185 8º 1a
08034 Barcelona
SPAIN

Phone: +34 93 206 51 20
Fax: +34 93 204 13 02



Ashland is committed to continuous evolution of technology and service solutions that promote health, safety and environmental protection around the world.

© Registered trademark and ™ trademark of Ashland Inc.
* Registered service mark of the American Chemistry Council
© Ashland Inc. All rights reserved.