

Technical Datasheet



AROPOL™ SP 1532-25

AROPOL SP 1532-25 is a thixotropic, pre-accelerated, medium reactive Ortho based polyester resin.

Typical liquid resin properties

Property at 25 °C	Value	Unit	Method
Viscosity, Brookfield RV2, 2 rpm	1400	mPas	DS-09-138
Viscosity, Brookfield RV2, 20 rpm	400	mPas	DS-09-138
Thixotropic index	3,5		
Styrene content	45	%	DS-09-143
Geltime at 25 °C, 1,0% MEKP-50	25	min	DS-09-129
Gel Time to peak exotherm	7	min	DS-09-129
Peak exotherm	185	°C	DS-09-129
Stability (dark place)	3	month	

Typical cured resin properties

Property	Value	Unit	Method
Tensile strength	60	MPa	ISO 527
Elongation at break	2.8	%	ISO 527
Flexural strength	100	MPa	ISO 178
Heat deflection temperature (ultimate)	72	°C	ISO 75/2 (A)
Hardness	45	Barcol	ASTM D2583

Application and use

AROPOL SP 1532-25 resin is suitable for spray-up and hand lay-up applications. AROPOL SP 1532-25 resin can be used in the agricultural, automotive, construction, electrical, industrial and marine industry for manufacturing of a variety of products.



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Certificates and approvals The manufacturing, quality control and distribution of products, by Ashland Performance Materials, are complying with one or more of the following programs or standards: Responsible Care, ISO 9001, ISO 14001 and OHSAS 18001.

Handling and storage It is highly recommended that all material is stored at stable temperatures under 25°C preferably indoors, and away from direct 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 AROPOL SP 1532-25 is three months.

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

Since the user's 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 sole responsibility of the user to determine the suitability of any of the products mentioned for the user's specific application.

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



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