

Technical Datasheet



AROPOL™ PT 154 TA General Purpose Resin

AROPOL PT 154 TA is a thixotropic, preaccelerated, low viscosity, general purpose resin. AROPOL PT 154 TA has a short geltime. Due to its low viscosity, AROPOL PT 154 TA resin has very glass fiber wetting properties.

Typical liquid resin properties

Property at 23 °C	Typical value	Unit	Method
Viscosity, Brookfield RV2, 10 rpm	1200	mPas	ISO 2555
Viscosity, cone&plate	250	mPas	ISO 2884
Styrene content	45	%	SFS 4864
Density	1,1	kg/dm ³	ISO 2811
Geltime, 1% MEKP-50	20	min	Hc-04a
Peak exotherm	150	°C	Hc-04a
Appearance	Bluish/Greenish	Opaque	

Typical cured resin properties

Property	Value	Unit	Method
Tensile strength	69	MPa	ISO 527
Elongation at break	3.5	%	ISO 527
Flexural strength	120	MPa	ISO 178
Heat deflection temperature (HDT)	75	°C	ISO 75/2 (A)
Hardness	42	Barcol	ASTM D2583

Application and use

AROPOL PT 154 TA resin is suitable for hand lay-up and spray-up applications. It is especially recommended for manufacturing of laminates and similar products where good mechanical properties is of importance.



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Certificates and approvals	AROPOL PT 154 TA resin complies with 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 20°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 PT 154 TA is (3) months.
Notice	<p>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.</p> <p>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.</p> <p>Ashland requests that the user reads, understands and complies with the information contained herein and the current Material Safety Data Sheet.</p>



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