

Technical Datasheet

Ashland Performance Materials



AROPOL™ G 156 TB General purpose resin

AROPOL AROPOL G 156 TB is an unsaturated polyester orthophthalic acid based resin of high reactivity. The resin is pre-accelerated and thixotropic with medium geltime.

Typical liquid resin properties	Property at 23 °C			
	Property	Value	Unit	Method
	Viscosity, Brookfield, RVT 2/ 10 rpm	1250	mPa	D 005
	Styrene content	41	%	D 003
	Density	1,11		QC 16
	Geltime, 1% MEKP-50	45	min	D 006

Typical cured resin properties	Property			
	Property	Value	Unit	Method
	Tensile strength	55	MPa	ISO 527
	Elongation at break	1,9	%	ISO 527
	Flexural strength	100	MPa	ISO 178
	Flexural modulus	4000	MPa	ISO 178
	Heat deflection temperature (HDT)	90	°C	ISO 75/2 (A)
	Hardness	45	Barcol	ASTM D2583

Application and use AROPOL AROPOL G 156 TB can be applied by hand lay-up, spray-up, cold compression, injection or filament windings. It is particularly recommended for the manufacture of industrial parts, car and building panels, tanks and silos. It should be used whenever parts of additional hardness and heat resistance are required.

Certificates and approvals AROPOL AROPOL G 156 TB resin is approved by Lloyd's Register and Det Norske Veritas for use in construction of small crafts.

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

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 AROPOL G 156 TB is six (6) months.



Responsible Care*

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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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