

# Technical Datasheet



## AROPOL™ S 604 INF-60 Infusion Resin / Low Styrene Content

AROPOL S 604 INF-60 is a low styrene content DCPD based polyester resin for infusion. Good glass fiber wet out properties and surface cosmetics are characteristic for AROPOL S 604 INF-60 resin.

Typical liquid resin properties	Property at 23 °C			
	Property	Value	Unit	Method
	Viscosity, cone&plate	220	mPas	ISO 2884
	Styrene content	36	%	SFS 4864
	Geltime, 1,5% NOROX MCP-75	60	min	D 006

Typical cured resin properties	Property			
	Property	Value	Unit	Method
	Tensile strength	45	MPa	ISO 527
	Tensile modulus	3100	MPa	ISO 527
	Elongation at break	1,6	%	ISO 527
	Heat deflection temperature (ultimate)	85	°C	ISO 75/2 (A)
	Hardness	40	Barcol	ASTM D2583
	Water absorption, 28 days	76	mg/sample*	ISO 62-80

\* sample 50x50x4 mm

**Application and use** AROPOL S 604 INF-60 resin is developed for infusion process and suitable for manufacturing of products for the marine, transportation and building and construction markets.

**Certificate 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 20 °C preferably indoors, and away from direct sunlight. Prolonged storage or storage outside of recommended conditions can influence liquid resin properties like viscosity and geltime. It is also strongly recommended to mix resin thoroughly before use. Shelf life of AROPOL S 604 INF-60 is three (3) months.



Responsible Care\*

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#### Notice

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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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