Technical Datasheet

INEOS Composites

AROPOL™ L 6332-15 Resin

Description

AROPOL L 6332-15 Resin is thixed and promoted general purpose resin designed for laminating spray-up and hand lay-up applications.

Property[1] at 25°C (77°F)	Value	Unit
Non-Volatiles	55	%
Viscosity, Brookfield, # 3 at 60 rpm	500	mPa·s (cps)
Thixotropic Index	3	Units
Room Temperature Gel	15	min
Gel to Peak Exotherm Time	15	min
Peak Exotherm Temperature	300	F

Gel time was measured using 1.25% DDM-9 in 100 grams of resin at 25°C (77°F).

[1]Properties are typical values and should not be considered as specification limits.

Typical Cured Properties

Property[1]	Value[2]	Unit	Method
Tensile Strength	11,100	psi	ASTM D638
Tensile Modulus	600	ksi	ASTM D638
Elongation at Break	2.4	%	ASTM D638
Flexural Strength	20,000	psi	ASTM D790
Flexural Modulus	570	ksi	ASTM D790
Heat Deflection Temperature, HDT	58 (136)	°C (°F)	ASTM D648

[2]Clear casting physical properties cured using 1.25% DDM-9 catalyst. Room temperature cured for 24 hours followed with post cure for 2 hours at 140°F.

Standard Package

Bulk Container, or,
Drum with Net Weight of 220 Kg (485 Lbs)

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Commercial Warranty

Three months from date of shipment, when stored in accordance with the storage conditions stated below.

Storage

Drums - Store at temperatures below 25°C (77°F). Storage life decreases with increasing storage temperature. Avoid exposure to heat sources such as direct sunlight or steam pipes. To avoid contamination of product with water, do not store outdoors. Keep sealed to prevent moisture pick-up and monomer loss. Mild mixing is recommended after prolonged storage. Rotate stock.

Bulk - See INEOS Composites Bulk Storage and Handling Overview for best practices on bulk storage.

With all other storage conditions being equal, higher storage temperatures will reduce product stability and lower storage temperature will extend product stability.

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 INEOS Composites 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 INEOS Composites, INEOS Composites 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.

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

More Information

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