Technical Datasheet

Ashland Performance Materials

AROPOL™

AROPOL™ Q 6266 Resin

AROPOL Q 6266 is a high reactivity resin ideal for pultrusion processes. This resin allows a pultruder to achieve excellent line speeds. The product has good water resistance. The material is not low color but pigments very well.

Applications and Use

AROPOL Q 6266 resin is designed for use in pultrusion applications where excellent line speeds and good water resistance are desired. Typical end applications include tool handles, window lineals and other thin parts.

Typical Liquid Resin Properties

Property(1) at 25°C (77°F)	Value	Unit
Non-Volatiles Content	61	%
Viscosity, #3 spindle @ 20 rpm	950	mPas (cps)
Acid Value, solution basis	17	

(1) Properties are typical values and not a guaranteed analysis of any specific lot.

Typical Curing Characterisitics

SPI Gel Time - 82°C (180°F) Bath	Value	Unit
Gel Time	4.5	minutes
Peak Exotherm Time	6	minutes
Peak Exotherm Temperature	450	°F

Typical Mechanical Properties

Property	Value (US)	Unit
Tensile Strength	7,700	psi
Tensile Modulus	480	ksi
Tensile Elongation	1.8	%
Flex Strength	14,500 psi	psi
Flex Modulus	500	ksi
Heat Deflection Temperature	291	°F

Casting made using 1.0% BPO and 0.2% TBPB and post cured for 2 hours at 280F.

Responsible Care*

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Certificates and Approvals	The manufacturing, quality control and distribution of products, by Ashland Performance Materials, comply with one or more of the following programs or standards: ISO 9001, Responsible Care, ISO 14001 and OHSAS 18001.
Standard Package	Bulk Container, or, Steel Drum with Net Weight of 220 Kg (485 Lb)
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 such as direct sunlight or steam pipes. To avoid contamination of the product with water, do not store outdoors. Keep containers sealed to prevent moisture pick-up and monomer loss. Mild mixing is recommended after prolonged storage. Rotate stock. Bulk - Refer to Ashland's Bulk Storage and Handling Manual for Polyesters and Vinyl Esters. A copy of this may be obtained from Ashland at +1.614.790.3333 or 800.523.6963. All other conditions being equal, higher storage temperatures will reduce product stability and lower storage temperatures 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 Ashland assumes legal responsibility. Any warranties, including warranties of merchantability 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 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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