Technical Datasheet

Ashland Performance Materials

AROPOL™

AROPOL™ LB 5849-050 Button Resin

Description

A low color resin designed for use in rotational casting of buttons. The resin has been designed to resist cracking. Addition of styrene (12%-15%) reduces viscosity to near 130 cps, and allows the resin to be utilized in rod casting of buttons.

Typical Liquid Resin Properties

Property[1]	Value	Unit
Non-Volatiles Content	69	%
Viscosity, #3 @ 30 rpm	1750	mPas (cps)
Room Temperature Gel	5	minutes
Gel to Peak Exotherm Time	8	minutes
Peak Exotherm Temperature	340	°F
Typical Color Value	30	APHA

Gel time tested using 0.02g of 12% cobalt and 0.3g of H2O2 per 100 grams of resin.

[1] Properties are run at 25°C (77°F) unless otherwise stated. Properties are typical values, based on target values in Ashland QC laboratories. Sample results vary from batch to batch. Typical values should not be construed as a guaranteed analysis of any specific lot or as specification items.

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

220 Kg (485 lb) Net Weight in a Steel Drum with liner.

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 sealed to prevent moisture pick-up and monomer loss. Mild mixing is recommended after prolonged storage. Rotate stock.

Responsible Care*

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Bulk - Refer to Ashland's Bulk Storage and Handling Manual for Polyesters and Vinyl Esters. A copy of this may be obtained from Ashland Performance Materials at 1-614-790-3333 or 1-800-523-6963.

All other 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 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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