Technical Datasheet

INEOS Composites

NEULON™ PS 63004 Low Shrink Additive

Description

Neulon PS 63004 is a polystyrene based low shrink additive that provides good shrinkage control and pigmentablilty. The product can be used with a wide range of unsaturated polyester and vinyl ester resins.

Note: This product was previously sold as Aropol MR 63004 Resin.

Applications and Use

Neulon PS 63004 low shrink additive is designed for use in sheet molding compound, bulk molding compound, pultrusion and similar applications.

Typical Liquid Resin Properties

Property(1) at 25°C (77°F)	Value	Unit
Non-Volatiles Content	33.5	%
Viscosity, #3 spindle @ 20 rpm	2100	mPas (cps)

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

Standard Package

Steel Drum with Net Weight of 180 Kg (397 Lbs.)

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 INEOS Composites's Bulk Storage and Handling Manual for Polyesters and Vinyl Esters. A copy of this may be obtained from INEOS Composites at +1.614.790.3333 or 800.523.6963.

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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 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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