Technical Datasheet

INEOS Composites

# NEULON™ LP 6135 Low Profile Additive

Description

Neulon LP 6135 is a low profile additive resin. It is bondable and paintable and provides excellent shrinkage control and superior surface quality.

Note: This product was previously sold as Aropol Q 6135 resin.

Applications and Use

Neulon LP 6135 low profile additive was specifically developed for processes where chemical thickening is not desired. It is formulated to be used as a B-side carrier in sheet molding compound (SMC) systems and is effective in wet molding and pultrusion applications. It is effective with a broad range of polyester resins and forms a stable single phase solution when blended with many polyester resins.

Typical Liquid Resin Properties

| Property(1) | Value | Unit |
|---|---|---|
| Percent Solids | 33 | % |
| Viscosity, Brookfield, spindle #2 @ 10 rpm | 2,300 | mPas (cps) |
| Water Content | 0.25 | % |
| Specific Gravity | 1.0 | $g/cm^3$ |

(1) Properties at 25°C (77°F) unless otherwise noted.
Properties are typical values and not an analysis of any specific lot.

Standard Package

Steel Drum with Net Weight of 190 Kg (419 Lb)

Commercial Warranty

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

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

All other conditions being equal, higher storage temperatures will reduce product stability and lower 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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