Technical Datasheet

INEOS Composites

NEULON™ 2020 Low Profile Additive Resin

Description

Neulon 2020 low profile additive is a thermoplastic polyester-urethane hybrid resin.

- Class "A" cosmetic capability
- Excellent dimensional stability
- Thickenable using standard alkaline and/or alkaline hydroxides

This product was previously sold under the name "Uralloy 2020"

Applications and Use

Neulon 2020 low profile additive is formulated for use in sheet molding compound (SMC), bulk molding compound (BMC), wet molding and pultrusion.

Typical Liquid Resin Properties

Property(1)	Value	Unit
Solids	50	%
Viscosity, Brookfield spindle #2 @ 20 rpm	1200	mPas (cps)
Acid value (solution)	4.5	
Specific gravity	1.04	

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

Certificates and Approvals

The manufacturing, quality control and distribution of products, by INEOS Composites, comply with one or more of the following programs or standards: ISO 9001, ISO 14001 and OHSAS 18001.

Standard Package

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

Technical Datasheet

INEOS Composites

NEULON™ 2020 Low Profile Additive Resin

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 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 1.800.523.6963. 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 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.