Technical Datasheet

INEOS Composites

POLARIS™ MR 1893-40 Typical Properties Letter 01/04/2023

This document provides typical properties, commercial warranty and storage conditions for the product.

Note: This product was previously marked at Aropol K 1893-40 Resin.

Typical Liquid Resin Properties

Property[1]	Value	Unit
Non-Volatiles Content	100	%
Viscosity, Brookfield @ 25C LV #3 @ 60 rpm, cps	1400	mPa·s (cps)
Room Temperature Gel	41.5	minutes
Catalyst: 1.25g DDM-9 / 100g Resin		

[1] Properties are run at 25°C (77°F) unless otherwise stated. Properties are typical values and should not be considered a guaranteed analysis of any specific lot or as specification items.

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, Responsible Care, ISO 14001 and OHSAS 18001.

Standard Package

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

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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 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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