Technical Datasheet

INEOS Composites

ENGUARD™ RS Series Sanitary White Gelcoat

ENGUARD WG-RS Series gelcoats are Low HAP and provide a durable, lustrous finish with good water resistance for sanitaryware applications.
Exceeds ANSI Z124.1, ANSI Z124.2
Excellent flow and leveling
Superior application and spray properties

Typical Properties, 25ºC/77ºF [1]		
Brookfield Viscosity, RV #4 @20rpm	4750-5850	cps
Thix Index, RV 2/20 rpm	4-6	
Geltime, 1% Cadox L-50a	4-10	minutes
Gel To Peak Exotherm, 1% Cadox L-50a	8-15	minutes
Peak Exotherm Temp	225-325	ºF

[1] Properties are typical values based on material tested in our laboratories. Typical values should not be construed as a guaranteed analysis of any specific lot or as specification items.

Applications and Use

The Enguard RS Series is tailored for fast line speed tub-shower production. It sprays well and exhibits a high gloss finish for a lustrous appearance to the final part.

Certificates and approvals

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

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Handling and storage

DOT label: flammable. It is highly recommended that all materials are stored at 25 °C, preferably indoors and away from direct sunlight or heat sources. A high quality methyl ethyl ketone peroxide (MEKP) catalyst should be used between 1.5 - 2.5%. Gelcoats must be gently agitated before use. The commercial warranty period for this product is 45 days from shipment with geltimes above 6 minutes.

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.