Technical Datasheet

INEOS Composites

# ENGUARD™ PR Series Sanding Gelcoat

Enguard PR Series gelcoats are specifically tailored to be used as sanding-primer gelcoats. The Enguard PR series gel coats have been used successfully for years in the transportation industry before post-applied paint. The Enguard PR series gel coats have a semi-resilient unsaturated polyester backbone and they are easily sanded. They release air extremely well to minimize the chances of porosity.

- Resilient
- Highly forgiving handling characteristics
- Excellent resistance to porosity
- Works well with airless-air assist and atomized spray equipment

## Typical liquid gelcoat properties

| Property(1) at 25 °C/77° F | Value | Unit |
|---|---|---|
| Geltime, 1.8% MEKP-9(2) | 10 | min |
| Viscosity, Brookfield, RV4@ 20 rpm | 4500 | cps |
| Thix Index, Brookfield RV4, 2/20 rpm | 6 | |
| HDT of gelcoat base (4hr @ 71 °C postcure) | 72 / 160 | °C /° F |

(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.
(2) Registered trademark of Arkema Inc.

## 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.

## Handling and use

For good working practices, see INEOS Composites "Gelcoat Handling Guide". Maximum storage of ENGUARD PR Series gelcoat is 3 months at temperature under 25°C away from direct sunlight. The gelcoat must be gently mixed before use. Temperature of workshop, raw materials and tools should be 18 - 25°C and relative humidity below 70%.

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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.