Technical Datasheet

ENGUARD™ P Series Monomer Free Color Pastes

ENGUARD P Series are pigment concentrates dispersed in monomer-free unsaturated polyester resin. These pigment concentrates are compatible with unsaturated UPR and VER resin systems used in the thermoset composite industry.

Typical Properties at 23°C/77°F[1]	Value	Unit
Viscosity,RV sp6@20rpm	6000-14000, varies	cps
Density	varies	
Grind, Hegman	7 minimum	

[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. Viscosity varies according to particular color of the paste.

Application and use

Final color, hide, uniformity and resistance to environmental influences varies dependent upon both the color of the pigment concentrate and ratio used.

Certificates and approvals

The manufacturing, quality control and distribution of products, by Ashland Performance Materials, are complying with one or more of the following programs or standards: Responsible Care, ISO 9001, ISO 14001 and OHSAS 18001.

Handling and use

Recommended storage at temperatures under 25°C away from direct sunlight. Agitate gently before use. Temperature of workshop, raw materials and tools should be 18-25°C (65-75°F) and relative humidity below 70%.
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.
All other conditions being equal, higher storage temperatures will reduce product stability and lower storage temperatures will extend product stability.

Responsible Care*

Ashland is committed to the continuous evolution of technology and service solutions that promote health, safety and environmental protection around the world.
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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 Ashland 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 Ashland, Ashland 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.

Ashland requests that the user reads, understands and complies with the information contained herein and the current Safety Data Sheet.

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