

GP[®] 7624 Phenolic Impregnating Resin

PRODUCT INFORMATION

DESCRIPTION

GP[®] 7624 resin is a waterborne resin developed for use in the manufacture of Fiber-Reinforced Polymer (FRP), specifically for the prepreg and honeycomb processes. The product is formulated to provide low smoke generation, fire resistance and post-formability. It is used in composites and aerospace applications.

STORAGE AND HANDLING

GP 7624 resin should be used in areas with good ventilation. Although the product can be shipped normally, storage at temperatures below 40°F (5°C) is recommended for the resin, which should then be brought to room temperature prior to use. The proper personal protective equipment should be worn when handling the product. Please refer to the Safety Data Sheet available from Georgia-Pacific Chemicals.

Typical Properties

Solvent	Isopropanol
Non-Volatiles at 135°C, %	56.0 – 62.0
pH	5.0 – 7.0
Free Phenol, %	10 – 15
Free Formaldehyde, %	< 1.0
Viscosity at 25°C, cps	500 – 1,500
Water, %	1.0 – 6.0
Stroke Cure at 150°C, sec	65 – 80

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