

Products & Technologies

GP® 4864 Triazone Resin

GP® 4864 triazone resin is used in a variety of industries as an extender, solvent or reactive diluent with melamine-formaldehyde, phenol-formaldehyde, melamine-urea-formaldehyde and urea-formaldehyde binders.

By extending the base polymer, GP 4864 triazone can provide an overall lower manufacturing cost while maintaining the properties and performance of the end product.

It is high temperature stable so it can be used under high temperature conditions. It is also applicable for water-based formulations and can increase water miscibility. As a result of its many attributes, GP 4864 triazone enables formulation flexibility.

Applications

Ceiling tile, Glass mat, Insulation, Laminates

Product Composition

Cyclic urea-formaldehyde-amine

Appearance/Form

Water-clear liquid

Typical Properties

Non-Volatiles, %	46 - 48
Avg nitrogen content (Solution), %	16.6
Avg nitrogen content (Dry), %	35.3
Viscosity @ 25°C, cps	5 - 20
pH @ 25°C	9.6 - 10.6
Specific gravity @ 25° C	1.18 - 1.196
Weight per gallon, lbs	9.9
Free formaldehyde, %	0.20 maximum
Storage Life @ 25°C	6 months

Storage and Handling

GP 4864 triazone resin should be stored in clean, stainless steel or glass fiber containers at 59°F - 77°F.

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