



GP[®] 2056 Epoxy Hardener

PRODUCT INFORMATION

DESCRIPTION

GP[®] 2056 epoxy hardener is a flake phenolic novolac resin developed by Georgia-Pacific Chemicals as a curing agent for epoxy resins in oilfield, molding compounds, coatings, copper clad laminates, and electrical applications.

USE GUIDELINES

A stoichiometric amount of epoxy and hydroxy groups is recommended. The following formula should be used to calculate the correct amount of epoxy hardener: Amount of hardener (g) = amount of epoxy resin (g) X (hydroxyl equivalent weight of hardener (g/eq) / epoxy equivalent weight of resin (g/eq)).

STORAGE AND HANDLING

GP 2056 epoxy hardener is shipped in boxes and is non-heat-reactive. It should be stored and used in areas with good ventilation and stored in a cool, dry place at temperatures below 20-25°C. Storage in sunlight, high temperatures and/or humidity can cause cold flow and lumping. Storage life under the recommended conditions is 12 months. Proper protective equipment should be used whenever the resin is handled. For additional safety and health information, refer to the Safety Data Sheet for this product available from Georgia-Pacific Chemicals.

TYPICAL PROPERTIES

Type	Phenolic novolac
Appearance	Yellow-tan flakes
Melt Viscosity, cPs@150°C	1300 - 1700
Free Phenol, %	< 1.5
Free Formaldehyde, %	< 0.1
Hydroxyl Equivalent	104
Storage Life @ 25°C	12 months if kept sealed

866-4GP-CHEM

www.gp-chemicals.com