

Resin Number: 29112

Last Updated: 5/20/2004

Material Number:

Page 1 of 1

**DESCRIPTION**

Varcum 29112 is a one-step crushed phenolic resin.

**APPLICATION**

For use in metal coating formulations.

**FEATURES**

- Exhibits sufficient flexibility without the addition of modifiers.
- Plasticizers can be utilized where maximum flexibility is required.
- Solvency characteristics permit the use of reasonable amounts of hydrocarbon solvents.

**FORMULATION**

Blends of alcohols and/or ketones with hydrocarbons are recommended. Such blends should be formulated from alcohols, ketones, and hydrocarbons having uniform evaporation rates in order not to disturb the solvent blend ratio during the drying of coating film. A percentage of a high boiling alcohol or ketone is therefore recommended to prevent phase separation during the drying process. In can coating applications requiring maximum flexibility, the use of plasticizing modifiers, such as vinyl or epoxy resins, is recommended. Can coating formulations containing 4-8% of vinyl resin modifier will generally meet the most extreme requirements.

**TYPICAL PROPERTIES**

		<u>Test Method</u>
Softening Point (cap. shrink), °C	67.50	DCT 4000B
Cure @150°C, sec	115.00	DCT 4001A
Viscosity @ 25°C, cps	287.50	DCT 4003F

Durez test methods are available upon request.

**SOLUBILITY**

Soluble in esters, ketones, higher alcohols and aromatic hydrocarbon-alcohol mixtures. Limited solubility in lower alcohols. Not soluble in aromatic hydrocarbons but solutions in true solvents will tolerate the addition of aromatic hydrocarbons.

**STORAGE**

This product, if stored at room temperature, will slowly change in properties. To maintain properties, the product should be kept in a cool (less than 50°F), dry location in closed containers.

**PACKAGING AND SHIPPING**

Available in non-returnable fiber drums, 400 pounds net. This product is not DOT regulated in drums.

READ THE MATERIAL SAFETY DATA SHEET BEFORE HANDLING,  
STORING OR USING THIS PRODUCT.