

Resin Number: 23900
Material Number:

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DESCRIPTION

Plyophen 23900 is a liquid one-step phenolic resin in ethanol.

APPLICATION

Plyophen 23900 is a heat resistant laminating varnish for use in the production of components for rockets and missiles. This resin is a high heat resistant, low or high pressure, laminating phenolic with exceptionally high strengths at elevated temperatures. It is generally reinforced with glass cloth or glass filaments, but can also be reinforced with other materials. The pre-impregnation of reinforcements with this resin is quite simple, and the resin content and volatile content can be easily adjusted for the particular application.

Laminates made with this resin, in addition to the high physical properties at elevated temperatures, have good resistance to organic solvents, weak inorganic acids, and hydraulic aircraft oil or de-icing fluids, low moisture absorption, and good resistance to rain and hot gas erosion.

TYPICAL PROPERTIES

		<u>Test Method</u>
Appearance	Clear	DCT 0001
Viscosity @ 25°C, cps	100.00	DCT 4003F
Non Volatile, %	64.00	DCT 5009
Specific Gravity	1.13	DCT 5075

Durez test methods are available upon request.

STORAGE

This product is a heat reactive material and should be stored in closed containers at or below 40°F.

PACKAGING AND SHIPPING

Available in 55 gallon steel drums, 450 pounds net. This product is DOT regulated and shipped as a FLAMMABLE LIQUID, UN 1866.

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

Durez

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