

Plyophen 23010

Phenolic

Durez Corporation

Message:

Plyophen 23010 is a heat reactive liquid phenolic resin dissolved in ethanol.

Plyophen 23010 is a varnish used in the production of mechanical laminates, gear stock and rolled tubing. It is used for canvas or paper impregnation. It will meet NEMA grade "C" specification for an 8 ounce canvas stock if treated to a resin content of 45-50%, volatiles of 4.5-5.5%. For rolled tubing, a slightly higher resin content and volatile are necessary. It is fast curing, a 1/8 inch thick panel may be cured in 10-15 minutes at 325°F.

General Information			
Features	Fast Cure		
Uses	Coating Applications		
	Fabric Coatings		
	Gears		
	Laminates		
	Paint		
	Paper Coatings		
	Tubing		
Forms	Liquid		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.05	g/cm ³	Internal Method
Color	< 18		Internal Method
Viscosity - G&H;	H		Internal Method
Non-Volatile Content	55	%	Internal Method
Thermoset	Nominal Value	Unit	Test Method
Thermoset Mix Viscosity (25°C)	225	cP	Internal Method

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