

Plyophen 43243

Phenolic

Durez Corporation

Message:

Plyophen 43243 is a liquid one-step phenolic resin in isopropyl alcohol. Plyophen 43243 resin was developed specifically for both high and low pressure laminating processes employing glass fabrics and other inorganic reinforcing agents. This resin is capable of producing pre-impregnated materials suitable for vacuum-bag molding at 10-14 psi, press molding at pressures as high as 1800 psi, or matched-metal die molding at even higher pressures. Laminates and molded parts having exceptionally high temperature resistance's are obtained with this resin.

General Information			
Features	High Heat Resistance		
Uses	Laminates		
Forms	Liquid		
Physical	Nominal Value	Unit	Test Method
Moisture Content - Karl Fischer	4.9	%	Internal Method
pH	8.1		Internal Method
Non-Volatile Content	70	%	Internal Method
Sunshine Gel (135°C)	17.5	hr	Internal Method
Thermoset	Nominal Value	Unit	Test Method
Thermoset Mix Viscosity (25°C)	460	cP	Internal Method
Post Cure Time (152°C)	0.050	hr	

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Recommended distributors for this material


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