

Haprez™ 3749

Thermoplastic

Hapco Inc.

Message:

A high performance, low pot life, heat curing laminating system that is specifically formulated for all other applications requiring laminates for use up to 350° F.

Ideal for oven cure, vacuum bag or pressure cure processing.

Provides excellent wetting characteristics on fiberglass cloth, and its smooth handling and spreading quality make it quick and easy to use. Its low viscosity characteristics also enables hand application by brush, roller, squeegee, or conventional internal mix spraying equipment.

Non-settling during storage and use, to yield completely uniform results with every use. It is also non-sagging to insure that the glass stays in place during fabrication and curing, and its long pot life characteristic enables continuous, non-stop laminating to any desired thickness.

Should be used with a HAPCOAT system to provide a totally compatible laminate system

General Information			
Features	Heat Cure		
	High Heat Resistance		
	Low Viscosity		
	Rapid Wetting		
Uses	Laminates		
Appearance	Grey		
Forms	Liquid		
Processing Method	Laminating		
	Spraying		

Physical	Nominal Value	Unit	
Specific Gravity	1.30	g/cm ³	
Hardness	Nominal Value	Unit	
Durometer Hardness (Shore D)	87		
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹	379	MPa	
Flexural Strength ²	552	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	25	J/m	
Thermal	Nominal Value	Unit	
Service Temperature	177	°C	
Cure Time ³ (52 to 66°C)	4.0 to 6.0	hr	
Thermoset	Nominal Value	Unit	
Thermoset Components			
Part A	Mix Ratio by Weight: 100		
Part B	Mix Ratio by Weight: 21		
Pot Life (25°C)	60 to 90	min	

Thermoset Mix Viscosity (24°C)	3800	cP
NOTE		
1.	12 ply	
2.	12 ply	
3.	Plus 4 to 6 hrs @ 225 to 250°F	

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