

Haprez™ 3747

Thermoplastic

Hapco Inc.

Message:

A high performance, room curing laminating system that is specifically formulated for use in automotive tooling aids, duplicates, Keller models, fixtures, spotting racks, foundry tools, and all other applications requiring laminates for use up to 245° F.

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.

While yielding exceptionally high strength properties, HAPREZ 3747 is also a close tolerance system. Low shrinkage factors of 0.0005 per linear inch are customarily obtained with this system, making it ideal for close tolerance applications.

May be used with any HAPCOAT system to provide a totally compatible laminate system.

General Information	
Features	High Strength
	Low Shrinkage
	Rapid Wetting
Uses	Automotive Applications
	General Purpose
	Laminates
	Molds/Dies/Tools
	Tooling
Appearance	White
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, 25°C)	87	
Mechanical	Nominal Value	Unit
Tensile Strength ¹	338	MPa
Impact	Nominal Value	Unit
Notched Izod Impact	25	J/m
Thermal	Nominal Value	Unit
Service Temperature	118	°C
Cure Time (21°C)	1.0	day
Thermoset	Nominal Value	Unit

Thermoset Components		
Part A	Mix Ratio by Weight: 100	
Part B	Mix Ratio by Weight: 16	
Pot Life (25°C)	30 to 40	min
Thermoset Mix Viscosity (24°C)	38000	cP
NOTE		
1.	12 Ply	

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