

Park Electrochemical Nelcote® F-502 Phenolic Prepreg, 7628 E-Glass Reinforced

Category : Polymer , Thermoset , Phenolic

Material Notes:

Nelcote® F-502 is a MIL-R-9299 phenolic resin system suitable for impregnation on any MIL-C-9084 fabric with a compatible finish. F-502 is used in the manufacture of ablative reinforcements in rocket nozzles, as well as ducting and secondary structures. GMS4001 qualified specifications. Key Features and Benefits: Provides a combination of high-strength and ablative properties for demanding applications. Low thermal expansion. Good Tack and Drape properties. Conforms to MIL-R-9299 Type B. Applications/Qualifications: Rocket Nozzles, Ducting, Secondary Structures. Information provided by Park Electrochemical Corp.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Park-Electrochemical-Nelcote-F-502-Phenolic-Prepreg-7628-E-Glass-Reinforced.php

Physical Properties	Metric	English	Comments
Volatiles	5.0 - 8.0 %	5.0 - 8.0 %	8 min
	@Temperature 135 °C	@Temperature 275 °F	

Processing Properties	Metric	English	Comments
Gel Time	0.800 - 1.70 min	0.800 - 1.70 min	
Shelf Life	3.00 Month	3.00 Month	
	@Temperature 4.44 °C	@Temperature 40.0 °F	
	6.00 Month	6.00 Month	
	@Temperature -17.8 °C	@Temperature 0.000 °F	

Descriptive Properties	Value	Comments
Fabric Area Weight (g/m²)	203	
Prepreg Resin Content (%)	36-44	
Resin Flow (%)	20-32	325°F, 15psi

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China