

Hexcel® Redux® 775 Vinyl phenolic structural adhesive

Category : Polymer , Adhesive , Film , Thermoset , Epoxy , Epoxy Adhesive , Phenolic

Material Notes:

Redux 775 was adopted as the world's first metal-to-metal bonding process to be officially approved for use in the manufacture of aircraft primary structures in 1943. It is available either as a film or as a two component system, Redux 775 "Liquid" and Redux 775 "Powder", both systems requiring heat and pressure for curing. Features: Outstanding long term weathering and corrosion resistance; Outstanding resistance to commonly used aircraft fluids; Insensitive to atmospheric moisture before and after curing; High shear and peel strength in the temperature range -67°F to 160°F. Applications: Metal to metal bonding; Rubber bonding; Wood bonding.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Hexcel-Redux-775-Vinyl-phenolic-structural-adhesive.php

Physical Properties	Metric	English	Comments
Storage Temperature	0.000 - 4.44 °C	32.0 - 40.0 °F	Film and Liquid

Mechanical Properties	Metric	English	Comments
Shear Strength	20.7 MPa	3000 psi	Tensile Shear, Redux 775 film
	@Temperature 71.1 °C	@Temperature 160 °F	
	31.0 MPa	4500 psi	Tensile Shear, Redux 775 Liquid & Powder (P:L Ration = 1.3:1)
	@Temperature 21.1 °C	@Temperature 70.0 °F	
	37.2 MPa	5400 psi	Tensile Shear, Redux 775 film
	@Temperature 21.1 °C	@Temperature 70.0 °F	
Peel Strength	10.5 kN/m	60.0 pli	Metal to Metal Peel, Redux 775 Liquid & Powder (P:L Ration = 1.3:1)
	@Temperature 21.1 °C	@Temperature 70.0 °F	
	10.7 kN/m	61.0 pli	Metal to Metal Peel, Redux 775 film
	@Temperature 21.1 °C	@Temperature 70.0 °F	

Descriptive Properties	Value	Comments
Areal Weight (psf)	0.075	
Roll Width (in)	24	
Standard Roll (ft2)	270	

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