

Hexcel® Redux® 312 Modified epoxy film adhesive (0.015 psf)

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

Material Notes:

Redux® 312 is a high-strength 250°F curing film adhesive, suitable for metal to metal bonding and sandwich constructions, where operating temperatures of up to 210°F may be experienced. A supported version, Redux® 312/5, is available with a woven nylon carrier for bond line thickness control. Features: Short cure cycle - cures in 30 minutes at 250°F; Good mechanical performance up to 210°F; Suitable for composite to composite bonding; Low volatile content (solventless process). Applications: Metal to metal bonding; Sandwich constructions; Composite to composite bonding.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Hexcel-Redux-312-Modified-epoxy-film-adhesive-0015-psf.php

Mechanical Properties	Metric	English	Comments
Shear Strength	31.7 MPa	4600 psi	Lap Shear
	@Temperature 79.4 °C	@Temperature 175 °F	
	33.1 MPa	4800 psi	Lap Shear
	@Temperature 71.1 °C	@Temperature 160 °F	
	37.2 MPa	5400 psi	Lap Shear
	@Temperature 21.1 °C	@Temperature 70.0 °F	

Processing Properties	Metric	English	Comments
Shelf Life	12.0 Month	12.0 Month	
	@Temperature -17.8 °C	@Temperature 0.000 °F	

Descriptive Properties	Value	Comments
Areal Weight (psf)	0.015	
Roll Width (in)	21	
Standard Roll (ft2)	645	

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