

Hexcel® Redux® 308A-NA Modified epoxy film adhesive

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

Material Notes:

Redux 308A-NA is a high-strength, flow-controlled film adhesive with flexible cure schedules at 300°F or 350°F. Redux 308A-NA contains glass beads that give good flow control. It is suitable for metal to metal and structural sandwich bonding applications where operating temperatures of up to 250°F may be experienced. Features: Flexible curing schedule: 300°F or 350°F; 300°F cure gives excellent peel performance; 350°F cure gives excellent lap shear performance; Good structural performance to 250°F; Excellent environmental resistance; Glass beads ensure glue line thickness control; Low volatile content (solventless process). Applications: Metal to metal bonding; Structural sandwich constructions.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Hexcel-Redux-308A-NA-Modified-epoxy-film-adhesive.php

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	8.27 MPa	1200 psi	Flatwise Tensile
	@Temperature 21.1 °C	@Temperature 70.0 °F	
Shear Strength	20.0 MPa	2900 psi	Lap Shear
	@Temperature 121 °C	@Temperature 250 °F	
	40.0 MPa	5800 psi	Lap Shear
	@Temperature 71.1 °C	@Temperature 160 °F	
	46.2 MPa	6700 psi	Lap Shear
	@Temperature 21.1 °C	@Temperature 70.0 °F	
Peel Strength	10.2 kN/m	58.0 pli	Bell Peel
	@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)	0.06	
Climbing Drum Peel (in-lb/3in)	75	70°F
Roll Width (in)	21	
Standard Roll (ft2)	430	

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