

Hexcel® Redux® 335K Adhesive film for bonding metallic and composite components (0.03 psf)

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

Material Notes:

Redux 335 is a film adhesive curing at 250F. It is available in a range of standard areal weights from 0.015 to 0.06 psf. It is available either unsupported or with knitted and/or matt carrier for additional glueline thickness control. Features: Cures in 60 min at 250°F for optimum properties; Good lap shear performance at temperatures ranging from -67°F to 210°F; Excellent peel properties from -67°F to 180°F; Excellent properties in sandwich structures from -67°F to 180°F; Good performance with 250°F - curing fibre reinforced composites in either co-cure or secondary bonding processes; Good drape at temperatures as low as 50°F; Less than 1% volatile content. Applications: Aluminum to aluminum bonding; Fiber-reinforced composite to composite bonding; Aluminum honeycomb sandwich bonding; Aramid honeycomb sandwich bonding.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Hexcel-Redux-335K-Adhesive-film-for-bonding-metallic-and-composite-components-003-psf.php

Mechanical Properties	Metric	English	Comments
Shear Strength	8.96 MPa	1300 psi	Lap Shear
	@Temperature 93.3 °C	@Temperature 200 °F	
	19.3 MPa	2800 psi	
Peel Strength	@Temperature 60.0 °C	@Temperature 140 °F	Lap Shear
	26.2 MPa	3800 psi	Lap Shear
	@Temperature 21.1 °C	@Temperature 70.0 °F	
9.12 kN/m	52.0 pli		
	@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)	0.03	
Climbing Drum Peel (in-lb/3in)	48	70°F
Standard Roll (ft2)	540	
Support	Woven nylon	

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