

Hexcel® Redux® 219/3-NA Foaming adhesive film

Category : Polymer , Adhesive , Film

Material Notes:

The Redux 200 series is a range of foaming adhesive films presented in sheet form. They expand during the cure cycle to fill gaps and adhere strongly to all parts of the structure with which they come into contact. Redux foaming adhesive films are compatible with Redux film adhesives. Features: High strength at temperatures from -67°F to 428°F; Less than 1% volatiles emitted during cure; Suitable for aluminum and fiber-reinforced composite sandwich constructions; Expansion ratios from 1:1.9 to 1:4.0. Application: Low exotherm for thicker sections. Associated Film Adhesives: Redux 319, 322, 330, 340 (SP), 641

Order this product through the following link:

http://www.lookpolymers.com/polymer_Hexcel-Redux-2193-NA-Foaming-adhesive-film.php

Mechanical Properties	Metric	English	Comments
Shear Strength	6.00 MPa	870 psi	Aluminum Double Lap Shear (0.06 inch gap)
	@Temperature 149 °C	@Temperature 300 °F	
	10.0 MPa	1450 psi	Aluminum Double Lap Shear (0.06 inch gap)
	@Temperature 22.2 °C	@Temperature 72.0 °F	

Processing Properties	Metric	English	Comments
Cure Time	60.0 min	1.00 hour	Heat up rate 10°F/min
	@Temperature 177 °C	@Temperature 350 °F	
Shelf Life	18.0 Month	18.0 Month	
	@Temperature -17.8 °C	@Temperature 0.000 °F	

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