

Hexcel® Redux® 610U Flame retarded epoxy film adhesive

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

Material Notes:

Redux 610 is a modified, flame-retarded epoxy film adhesive curing at 250°F. It is suitable for bonding metal to metal and for sandwich structures where flame retardancy and low heat release are required. Redux 610 is a hot melt film which is free from solvents and consequently has a very low volatile content. Features: Cures in 1 hour at 250°F; Good lap-shear performance up to 212°F; Good peel performance in sandwich structures up to 175°F; Meets the heat release requirements of IMO test MSC 61 (67); Good tack, drape and handleability; Very low volatile content and low out gassing properties; Available unsupported or with a very lightweight glass carrier. Applications: Metal to metal bonding; Sandwich constructions; Flame retarded performance

Order this product through the following link:

http://www.lookpolymers.com/polymer_Hexcel-Redux-610U-Flame-retarded-epoxy-film-adhesive.php

Physical Properties	Metric	English	Comments
Storage Temperature	-17.8 °C	0.000 °F	

Mechanical Properties	Metric	English	Comments
Shear Strength	26.0 MPa @Temperature 22.2 °C	3770 psi @Temperature 72.0 °F	Lap Shear

Processing Properties	Metric	English	Comments
Shelf Life	18.0 Month @Temperature -17.8 °C	18.0 Month @Temperature 0.000 °F	

Descriptive Properties	Value	Comments
Areal Weight (psf)	0.06	
Climbing Drum Peel (in-lb/3in)	60.5	72°F
Roll Width (in)	49	
Standard Roll (ft2)	1075	
Support	Unsupported	

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