

3M Scotchkote™ HTX 517 Epoxy HT Lining

Category : Polymer , Thermoset , Epoxy

Material Notes:

Scotchkote Epoxy HT Lining HTX 517 has been specifically developed as a 100% solids epoxy coating for resurfacing and lining equipment operating at high temperatures. Product Features: Combines good application characteristics with good corrosion and temperature resistance. Designed for application by brush or plural feed hot spray. Provides a high build protective system capable of resisting wet heat up to 150°C. Primarily designed for resurfacing and lining metal components. Excellent adhesion to correctly prepared metal surfaces. Information provided by 3M

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-Scotchkote-HTX-517-Epoxy-HT-Lining.php

Physical Properties	Metric	English	Comments
Solids Content	100 %	100 %	
Thickness	762 microns	30.0 mil	

Mechanical Properties	Metric	English	Comments
Flexural Strength	66.9 MPa	9700 psi	
Compressive Strength	142.9 MPa	20730 psi	post cured
Shear Strength	19.3 MPa	2800 psi	Tensile Shear Adhesion
Abrasion	0.086	0.086	[g] per 1000 cycles, 1 kg, CS17 Wheel; ASTM D4060

Thermal Properties	Metric	English	Comments
Heat Distortion Temperature	149 °C	300 °F	post cured 24 hrs at 120°C

Processing Properties	Metric	English	Comments
Cure Time	360 min	6.00 hour	Touch Dry
	10100 min	168 hour	Full Cure

Descriptive Properties	Value	Comments
Appearance	Light Gray and Off White	

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