

Protective Coating PC-Fahrenheit™ High Temperature Epoxy

Category : Polymer , Adhesive , Thermoset , Epoxy , Epoxy Adhesive , Epoxy, High Temperature

Material Notes:

PC-Fahrenheit™ is a hand moldable putty epoxy designed for quick emergency-type repairs formulated for increased temperatures. PC-Fahrenheit™ can be expected to outperform other putties at high temperatures. Temperatures extremes of 350°F (176°C) to 500°F (260°C) will reduce service life of the repair. High Temperatures contact may produce an objectionable odor. Cut, mix and apply. PC-Fahrenheit™ allows a working time of about 8 minutes and cures for service in 60 minutes. Example applications include mufflers and other auto uses, grills, stoves, steam pipes, etc. Data provided by the manufacturer.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Protective-Coating-PC-Fahrenheit-High-Temperature-Epoxy.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	75	75	1 Week Cure; ASTM D2240
Elongation at Break	1.0 %	1.0 %	
Compressive Yield Strength	55.16 MPa	8000 psi	ASTM D695
Shear Strength	4.83 MPa	700 psi	Tensile Shear Strength; ASTM D1002

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	260 °C	500 °F	
Minimum Service Temperature, Air	-28.9 °C	-20.0 °F	

Processing Properties	Metric	English	Comments
Cure Time	60.0 min	1.00 hour	For Service
Pot Life	8.0 min @Temperature 21.1 °C	8.0 min @Temperature 70.0 °F	Working Time

Descriptive Properties	Value	Comments
Color	Brown	Component A
	Brown	Mixed
	Khaki	Component B
Thermal Shock Resistance	Excellent	
Toxicity	Nontoxic after cure	

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