

ITW Devcon Flexane® Rubber Repair / Castable Urethane Fast Cure Liquid, Grey

Category : Polymer , Adhesive , Thermoset , Polyurethane, TS

Material Notes:

Information provided by ITW Devcon

Order this product through the following link:

http://www.lookpolymers.com/polymer_ITW-Devcon-Flexane-Rubber-Repair-Castable-Urethane-Fast-Cure-Liquid-Grey.php

Physical Properties	Metric	English	Comments
Density	1.04 g/cc	0.0377 lb/in ³	
Viscosity	5800 cP	5800 cP	Mixed Viscosity

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	94	94	Cured; ASTM D2240
Tensile Strength at Break	22.8 MPa	3300 psi	ASTM D412
Elongation at Break	<= 450 %	<= 450 %	ASTM D412
Tear Strength	75.4 kN/m	430 pli	ASTM D624
Taber Abrasion, mg/1000 Cycles	330	330	H-18 wheel (1000 gram load)

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	48.9 Â°C	120 Â°F	wet
	82.2 Â°C	180 Â°F	dry
Shrinkage	0.18 %	0.18 %	Cured; ASTM D2566

Electrical Properties	Metric	English	Comments
Dielectric Strength	13.8 kV/mm	350 kV/in	ASTM D149

Processing Properties	Metric	English	Comments
Cure Time	120 min	2.00 hour	Functional cure
Pot Life	8.00 min @Temperature 23.9 Â°C	8.00 min @Temperature 75.0 Â°F	

Descriptive Properties	Value	Comments
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Descriptive Properties	Value	Comments
1.5 @ 1/4" thickness		
Mix ratio by weight (Resin:Hardener)	80:20	

Contact Songhan Plastic Technology Co.,Ltd.

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