

ITW Devcon Flexane[®] Rubber Repair / Castable Urethane Brushable, Black

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-Brushable-Black.php

Physical Properties	Metric	English	Comments
Density	1.07 g/cc	0.0385 lb/in ³	
Viscosity	40000 cP	40000 cP	Mixed Viscosity

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	86	86	Cured; ASTM D2240
Tensile Strength at Break	24.1 MPa	3500 psi	ASTM D412
Elongation at Break	<= 600 %	<= 600 %	ASTM D412
Tear Strength	70.1 kN/m	400 pli	ASTM D624
Taber Abrasion, mg/1000 Cycles	90	90	H-18 wheel (1000 gram load)

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	48.9 Å°C	120 Å°F	wet
	82.2 Å°C	180 Å°F	dry
Shrinkage	23 %	23 %	Cured (shrinkage due to solvent loss); ASTM D2566

Electrical Properties	Metric	English	Comments
Dielectric Strength	13.4 kV/mm	340 kV/in	ASTM D149

Processing Properties	Metric	English	Comments
Cure Time	1440 min	24.0 hour	Functional cure
Pot Life	45.0 min	45.0 min	
	@Temperature 23.9 Å°C	@Temperature 75.0 Å°F	

Descriptive Properties	Value	Comments
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Coverage per pound inA ² @ 1/4" thickness Descriptive Properties	104 Value	Comments
Mix ratio by weight (Resin:Hardener)	80:20	

Contact Songhan Plastic Technology Co.,Ltd.

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