

ITW Devcon Flexane[®] Rubber Repair / Castable Urethane Fast Cure, 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-Fast-Cure-Black.php

Physical Properties	Metric	English	Comments
Density	1.18 g/cc	0.0426 lb/in ³	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	88	88	Cured; ASTM D2240
Tensile Strength at Break	16.5 MPa	2400 psi	ASTM D412
Elongation at Break	<= 500 %	<= 500 %	ASTM D412
Tear Strength	48.2 kN/m	275 pli	ASTM D624
Taber Abrasion, mg/1000 Cycles	220	220	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	0.14 %	0.14 %	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	180 min	3.00 hour	Functional cure
Pot Life	8.00 min	8.00 min	
	@Temperature 23.9 Å°C	@Temperature 75.0 Å°F	

Descriptive Properties	Value	Comments
Coverage per pound, in ² @ 1/4" thickness	94	
Mix ratio by weight (Resin:Hardener)	80:20	

Descriptive Properties	Value	Comments
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