

## ITW Devcon Rubber Repair / Castable Urethane Cable Cast FR, 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-Rubber-Repair-Castable-Urethane-Cable-Cast-FR-Black.php](http://www.lookpolymers.com/polymer_ITW-Devcon-Rubber-Repair-Castable-Urethane-Cable-Cast-FR-Black.php)

Physical Properties	Metric	English	Comments
Density	1.22 g/cc	0.0442 lb/in <sup>3</sup>	
Viscosity	10000 cP	10000 cP	Mixed Viscosity

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	83	83	Cured; ASTM D2240
Tensile Strength at Break	17.9 MPa	2600 psi	ASTM D412
Elongation at Break	<= 800 %	<= 800 %	ASTM D412
Tear Strength	57.0 kN/m	325 pli	ASTM D624

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	11.8 kV/mm	300 kV/in	ASTM D149

Processing Properties	Metric	English	Comments
Cure Time	120 min	2.00 hour	Functional cure
Pot Life	10.0 min	10.0 min	
	@Temperature 23.9 Å°C	@Temperature 75.0 Å°F	

Descriptive Properties	Value	Comments
Coverage per pound, in <sup>2</sup> @ 1/4" thickness	90	
Mix ratio by weight (Resin:Hardener)	63:37	

Descriptive Properties	Value	Comments
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## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China