

## ITW Devcon 5 minute<sup>®</sup> Epoxy Gel, Opaque

Category : Polymer , Adhesive , Thermoset , Epoxy

**Material Notes:**

Information provided by ITW Devcon

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ITW-Devcon-5-minute-Epoxy-Gel-Opaque.php](http://www.lookpolymers.com/polymer_ITW-Devcon-5-minute-Epoxy-Gel-Opaque.php)

Mechanical Properties	Metric	English	Comments
Elongation at Break	1.0 %	1.0 %	
Adhesive Bond Strength	17.2 MPa	2500 psi	lap shear (on grit blasted steel, bond line thickness of 0.010"); ASTM D1002
Tensile Impact Strength	13.6 kJ/m <sup>2</sup>	6.50 ft-lb/in <sup>2</sup>	
Peel Strength	0.351 - 0.526 kN/m	2.00 - 3.00 pli	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	93.3 Â°C	200 Â°F	dry
Minimum Service Temperature, Air	-40.0 Â°C	-40.0 Â°F	dry

Processing Properties	Metric	English	Comments
Cure Time	4.00 - 7.00 min	0.0667 - 0.117 hour	Working time
	10.0 - 15.0 min	0.167 - 0.250 hour	Fixture time
	45.0 - 60.0 min	0.750 - 1.00 hour	Functional cure

Descriptive Properties	Value	Comments
Mix ratio (Resin:Hardener)	1:1	

## Contact Songhan Plastic Technology Co.,Ltd.

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