

## Shin-Etsu Silicones X-65-130U Electrically Conductive Silicone Elastomer

Category : Polymer , Thermoset , Rubber or Thermoset Elastomer (TSE) , Silicone , Silicone Rubber

### Material Notes:

ShinEtsu X65130 U is a black semiconductive silicone compound designed to give very low volume resistivity for molding and extruding.

Product Features: Good processability.Lower than average volume resistivity.Typical Applications: EMI gaskets.Key pads.Information

Provided by Shin-Etsu Silicones of America, Inc.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Shin-Etsu-Silicones-X-65-130U-Electrically-Conductive-Silicone-Elastomer.php](http://www.lookpolymers.com/polymer_Shin-Etsu-Silicones-X-65-130U-Electrically-Conductive-Silicone-Elastomer.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.28 g/cc	1.28 g/cc	DCBP Cure
	1.28 g/cc	1.28 g/cc	DBPH Cure

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	70	70	DCBP Cure
	71	71	DBPH Cure
Tensile Strength at Break	4.59 MPa	665 psi	DBPH Cure
	4.79 MPa	695 psi	DCBP Cure
Elongation at Break	130 %	130 %	DCBP Cure
	130 %	130 %	DBPH Cure
Tear Strength	12.3 kN/m	70.0 pli	Die B; DCBP Cure
	13.1 kN/m	75.0 pli	Die B; DBPH Cure
Compression Set	20 %	20 %	DCBP Cure
	@Temperature 180 Â°C, Time 79200 sec	@Temperature 356 Â°F, Time 22.0 hour	

Descriptive Properties	Value	Comments
Cure Agent	DBPH	
	DBPH-50	
Cure Type	Press Cure	

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