

3M Scotchkote™ 80EG 531 Urethane Elastomer

Category : Polymer , Thermoset , Polyurethane, TS , Thermoset Polyurethane, Elastomer, Unreinforced

Material Notes:

Scotchkote Urethane Elastomer 80EG 531 has been specifically developed as an elastomeric repair system with a high degree of flexibility for rebuilding and resurfacing rubber components. Product Features: Properties similar to factory produced rubbers Designed for application by trowel or spatula at thicknesses up to 6 mm Provides good cold vulcanizing capabilities Primarily designed for use to repair conveyor belts, rollers, gaskets, hoses, and off road tires Information provided by 3M

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-Scotchkote-80EG-531-Urethane-Elastomer.php

Physical Properties	Metric	English	Comments
Solids Content	100 %	100 %	
Volatile Organic Compounds (VOC) Content	0.00 g/l	0.00 g/l	
Thickness	6100 microns	240 mil	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	80	80	
Tensile Strength at Break	11.6 MPa	1680 psi	
Elongation at Break	250 %	250 %	

Electrical Properties	Metric	English	Comments
Dielectric Strength	16.0 kV/mm	406 kV/in	

Processing Properties	Metric	English	Comments
Cure Time	60.0 min	1.00 hour	Initial Set
	960 min	16.0 hour	Machining Time
	1440 min	24.0 hour	Full Mechanical

Descriptive Properties	Value	Comments
Appearance	Black	

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