

3M Scotchkote™ 80XRG 539 Urethane Elastomer

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

Material Notes:

Scotchkote Urethane Elastomer 80XRG 539 has been specifically developed as a fast curing elastomeric repair system with a high degree of flexibility for rebuilding and resurfacing rubber components. Product Features: Properties similar to factory produced rubber components Provides good cold vulcanizing capabilities Designed for use to repair conveyer belts, rollers, gaskets, hoses, off road tires etc. Information provided by 3M

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-Scotchkote-80XRG-539-Urethane-Elastomer.php

Physical Properties	Metric	English	Comments
Solids Content	100 %	100 %	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	80	80	ASTM D2240
Tensile Strength at Break	10.0 MPa	1450 psi	ASTM D412
Elongation at Break	250 %	250 %	ASTM D412
Tear Strength	51.1 kN/m	292 pli	
Abrasion	40	40	[mg] per 1000 cycles, 1 kg, CS17 Wheel; ASTM D4060

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	50.0 °C	122 °F	White
	80.0 °C	176 °F	Dry

Processing Properties	Metric	English	Comments
Cure Time	30.0 min	0.500 hour	Initial Set
	1440 min	24.0 hour	Full Mechanical

Descriptive Properties	Value	Comments
Appearance	Black	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.comEmail : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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