

Flexane® 80 Putty

Polyurethane

Devcon

Message:

Trowelable urethane for repairing and lining process equipment exposed to wear, impact, abrasion, vibration, and expansion/contraction.

Intended Use:

Repair and rebuild conveyor belts

Line process equipment to dampen noise

Line concrete control joints.

Cast flexible molds, fixtures, and parts

Pot and encapsulate

Product features:

Trowels on smoothly

Cures to tough, medium-hard rubber (Shore 87A)

General Information			
Features	Good toughness		
	Medium hardness		
Uses	Abrasion Resistant Liners		
	Repair Materials		
	Mold/Mold/Tool		
Appearance	Black		
Processing Method	Enclosure		
	potting		
	Casting		
Physical	Nominal Value	Unit	Test Method
Specific Volume	0.849	cm ³ /g	
Solid content-by Volume	100	%	
Maximum Operating Temperature			
Dry	82	°C	
Wet	49	°C	
Molding Shrinkage - Flow	0.14	%	ASTM D2566
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	87		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength	11.7	MPa	ASTM D412
Tensile Elongation (Break)	300	%	ASTM D412
Tear Strength	52.5	kN/m	ASTM D624
Electrical	Nominal Value	Unit	Test Method
Dielectric Strength	14	kV/mm	ASTM D149

Thermoset	Nominal Value	Unit
Thermoset Components		
Resin	Mixing ratio by weight: 72	
Hardening method	Mixing ratio by weight: 28	
Pot Life (24°C)	20	min
Demold Time	600	min
Additional Information		
Cured 7 days @ 75°F		
Uncured Properties	Nominal Value	Unit
Curing Time	12	hr

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

