

Flexane® Brushable

Polyurethane

Devcon

Message:

A tough, rubber-like urethane compound for making a broad range of repairs to protect against wear, abrasion, and noise reduction.

Intended Use:

Protect equipment surfaces from wear and abrasion.

Protect processing equipment such as coating hoppers, lining chutes, pump volutes, impellers, and fan housings.

Product features:

Bonds with primers to metal, concrete, rubber, wood, and fiberglass

Excellent tear resistance

Mixes easily

Coats up to 50 mils in one pass

Highly resistant to impact and abrasion

General Information			
Features	Impact resistance, high		
	Good tear strength		
	Good wear resistance		
	Good toughness		
Uses	Repair Materials		
Appearance	Black		
Physical	Nominal Value	Unit	Test Method
Specific Volume	0.939	cm ³ /g	
Solid content-by Volume	77	%	
Abrasion Loss	90.0	mg/1000 cycles	
Maximum Operating Temperature			
Dry	82	°C	
Wet	49	°C	
Molding Shrinkage - Flow	23	%	ASTM D2566
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	86		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength	24.1	MPa	ASTM D412
Tensile Elongation (Break)	600	%	ASTM D412
Tear Strength	70.1	kN/m	ASTM D624
Electrical	Nominal Value	Unit	Test Method
Dielectric Strength	13	kV/mm	ASTM D149
Thermoset	Nominal Value	Unit	
Thermoset Components			
Resin	Mixing ratio by weight: 80		
Hardening method	Mixing ratio by weight: 20		

Pot Life (24°C)	45	min
Thermoset Mix Viscosity	40000	cP

Additional Information

Cured 7 days @ 75°F

Uncured Properties	Nominal Value	Unit
Curing Time	18	hr

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