

Flexane® High Performance Putty

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:

Excellent tear resistance

Mixes easily

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

Highly resistant to impact and abrasion

Trowels on smoothly

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	0.849	cm ³ /g	
Solid content-by Volume	88	%	
Abrasion Loss	140	mg/1000 cycles	
Maximum Operating Temperature			
Dry	82	°C	
Wet	49	°C	
Molding Shrinkage - Flow	12	%	ASTM D2566
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	78		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength	31.0	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	14	kV/mm	ASTM D149
Thermoset	Nominal Value	Unit	
Thermoset Components			
Resin	Mixing ratio by weight: 94		
Hardening method	Mixing ratio by weight: 6.0		

Pot Life (24°C)	10	min
Demold Time	600	min
Additional Information		
Cured 7 days @ 75°F		
Uncured Properties	Nominal Value	Unit
Curing Time	16	hr

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