

Flexane® Fast Cure Rubber Repair Putty

Polyurethane

Devcon

Message:

A fast-curing, flexible urethane for repairing rubber equipment.

Intended Use:

Repair worn or damaged rubber equipment; form protective linings in equipment subject to wear, impact, abrasion, vibration, expansion, and contraction.

General Information			
Features	thixotropic		
	Fast curing		
	Good flexibility		
Uses	Repair Materials		
Appearance	Black		
Physical	Nominal Value	Unit	Test Method
Specific Volume	0.849	cm ³ /g	
Solid content-by Volume	100	%	
Abrasion Loss	220	mg/1000 cycles	
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)	88		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength	16.5	MPa	ASTM D412
Tensile Elongation (Break)	500	%	ASTM D412
Tear Strength	48.2	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: 80		
Hardening method	Mixing ratio by weight: 20		
Pot Life (24°C)	8.0	min	
Additional Information			
Cured 7 days @ 75°F			
Uncured Properties	Nominal Value	Unit	
Curing Time	3.0	hr	

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