Devcon Titanium Putty

Epoxy; Epoxide

Devcon

Message:

High-tech, titanium-reinforced epoxy putty engineered for making critical repairs to machinery and precision parts.

Intended Use:

Restore bearing housings and scored shafts; rebuild wear rings, hydraulic rams, and valves; repair equipment and parts that require a machined finish Product features:

High compressive strength

Temperature resistance to 350°F

Resistant to chemicals and most acids, bases, solvents, and alkalis

Filler / Reinforcement Features Solvent resistance Good compressive strength Good chemical resistance alkali resistance alkali resistance alkali resistance alkali resistance alkali resistance use Repair Materials Agency Ratings MIL PRF-24176C Appearance Grey Physical Nominal Value Specific Gravity 2.36 Specific Gravity 100 Specific Gravity 100 Specific Gravity 177 Specific Gravity 177 Vet 66 Wet 66 Molding Shrinkage - Flow 101 Morinal Value Unit Meradness Nominal Value Nominal Value Vinit Meradness Astm D2240 Morinal Value Vinit Tensile Modulus 650	General Information				
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	Thermal	Nominal Value	Unit	Test Method	
Thermal Conductivity 0.82 W/m/K ASTM C177	CLTE - Flow	4.0E-5	cm/cm/°C	ASTM D696	
	Thermal Conductivity	0.82	W/m/K	ASTM C177	

Electrical	Nominal Value	Unit	Test Method	
Dielectric Strength	2.2	kV/mm	ASTM D149	
Dielectric Constant	44.8		ASTM D150	
Thermoset	Nominal Value	Unit	Test Method	
Thermoset Components				
	Mixing ratio by weight: 4.3			
Component a	Mixing ratio by capacity: 3.1			
	Mixing ratio by weight: 1.0			
Component B	Mixing ratio by capacity: 1.0			
Pot Life (24°C)	21	min		
Additional Information	Nominal Value	Unit	Test Method	
Cured 7 days @ 75°F				
Uncured Properties	Nominal Value	Unit	Test Method	
Curing Time	16	hr		

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