

MITELA® 2/5 A

Phenol Formaldehyde Resin

Schwartz Technical Plastic

Message:

Type 77 - Spezial Qualität

Applications:

Bearing shells

Bearing collars

General Information			
Uses	Bearing		
Physical	Nominal Value	Unit	Test Method
Density	1.40	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	7000	MPa	ISO 527-2
Tensile Stress			ISO 527-2
Yield	70.0	MPa	ISO 527-2
Fracture	150	MPa	ISO 527-2
Flexural Modulus	8000	MPa	ISO 178
Compressive Stress	320	MPa	ISO 604
Coefficient of Friction ¹ (vs. Steel - Dynamic)	0.20		
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact Strength	35	kJ/m ²	ISO 180
Additional Information			
Safe Temperature Range, permanent: 120°C			
NOTE			
1.	without lubrication		

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