

Saint-Gobain Meldin® 7003 CM Compression Molded MoS2 Filled Polyimide

Category : Polymer , Thermoset , Polyimide, TS

Material Notes:

Meldin® 7003 CM is a compression molded polyimide that includes 15% molybdenum disulfide self-lubricating filler for wear applications that operate in a vacuum or in very dry conditions. Specification Qualifications: Satisfies Type III for ASTM D 6456-99: Standard Specification for Finished Parts Made from Polyimide Resin Satisfies Class 5, Form P for SAE AMS 3644G: Polyimide, Molded Rod, Bar and Tube, Plaque, and Formed Parts Satisfies Type III for MIL-R-46198: Resin, Polyimide, Hot Pressed or Pressed and Sintered Information provided by Saint-Gobain Performance Plastics

Order this product through the following link:

http://www.lookpolymers.com/polymer_Saint-Gobain-Meldin-7003-CM-Compression-Molded-MoS2-Filled-Polyimide.php

Physical Properties	Metric	English	Comments
Density	1.61 g/cc	0.0582 lb/in ³	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength	63.4 MPa	9200 psi	ASTM D638
Elongation at Break	5.5 %	5.5 %	ASTM D638
Flexural Strength	89.6 MPa	13000 psi	ASTM D790
Flexural Modulus	3.10 GPa	450 ksi	ASTM D790
Compressive Yield Strength	25.5 MPa	3700 psi	ASTM D695
	@Strain 1.00 %	@Strain 1.00 %	
	117 MPa	17000 psi	ASTM D695
	@Strain 10.0 %	@Strain 10.0 %	
Compressive Modulus	2.50 GPa	363 ksi	ASTM D695

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China