

Sumitomo Epoxy EM 7400-2

Epoxy; Epoxide

Sumitomo Bakelite North America, Inc.

Message:

EM 7400-2 is a polyaramide fiber reinforced epoxy molding compound, which features abrasion resistance and light weight.

General Information			
Filler / Reinforcement	Aramid Fiber		
Features	Good Abrasion Resistance		
Appearance	Natural Color		
Forms	Flakes		
Processing Method	Compression Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.00 to 1.15	g/cm ³	ASTM D792
Molding Shrinkage - Flow (Compression Molded)	0.30	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, Compression Molded)	85		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break, Compression Molded)	50.0	MPa	ASTM D638
Flexural Modulus (Compression Molded)	6600	MPa	ASTM D790
Flexural Strength (Break)	76.0	MPa	ASTM D790
Compressive Strength	210	MPa	ASTM D695
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (Compression Molded)	180	J/m	ASTM D256
Electrical	Nominal Value	Unit	Test Method
Dielectric Strength ¹			ASTM D149
-- ²	15	kV/mm	
-- ³	14	kV/mm	
Dielectric Constant ⁴ (1 MHz)	1.80		ASTM D2520
Dissipation Factor ⁵ (1 MHz)	0.030		ASTM D150
Arc Resistance	126	sec	ASTM D495
NOTE			
1.	Wet, 60 Hz		
2.	Method A (Short-Time)		
3.	Method B (Step-by-Step)		
4.	Dry		
5.	Dry		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519
Phone: +86 13424755533
Email: sales@su-jiao.com
No. 215, Lianhe North Road, Fengxian District, Shanghai, China

