

PSM Industries Pacific Sintered Metals Invar FN-251-S Powdered Metal

Category : Metal , Electronic/Magnetic Alloy

Material Notes:

Coefficient of thermal expansion equal to glass Information Provided by Pacific Sintered Metals, a division of PSM Industries

Order this product through the following link:

http://www.lookpolymers.com/polymer_PSM-Industries-Pacific-Sintered-Metals-Invar-FN-251-S-Powdered-Metal.php

Physical Properties	Metric	English	Comments
Density	7.00 - 7.20 g/cc	0.253 - 0.260 lb/in ³	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell B	32	32	
Tensile Strength, Ultimate	276 MPa	40000 psi	
Tensile Strength, Yield	186 MPa	27000 psi	
Elongation at Break	12 %	12 %	1 in. gauge
Tensile Modulus	94.5 GPa	13700 ksi	
Flexural Strength	641 MPa	93000 psi	Transverse Rupture

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