

Pacific Sintered Materials FN-251-S Invar Powdered Metal

Category : Metal , Superalloy , Iron Base

Material Notes:

Coefficient of thermal expansion equal to glass.All information provided by Pacific Sintered Metals.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Pacific-Sintered-Materials-FN-251-S-Invar-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	276 MPa	40000 psi	
Elongation at Break	12 %	12 %	
Modulus of Elasticity	94.5 GPa	13700 ksi	
Flexural Strength	641 MPa	93000 psi	Transverse Rupture

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