

PSM Industries Pacific Sintered Metals Infiltrated Alloy Steel FX-233-T Powdered Metal

Category : Metal , Ferrous Metal

Material Notes:

Excellent combination of strength and shock resistance, Good for use in cams, pawls, sprockets and wear plates, Moderate tolerance control
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-Infiltrated-Alloy-Steel-FX-233-T-Powdered-Metal.php

Physical Properties	Metric	English	Comments
Density	7.20 - 7.50 g/cc	0.260 - 0.271 lb/in ³	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell B	85	85	
Tensile Strength, Ultimate	689 MPa	100000 psi	
Tensile Strength, Yield	621 MPa	90000 psi	
Elongation at Break	1.5 %	1.5 %	1 in. gauge
Tensile Modulus	165 GPa	24000 ksi	
Charpy Impact, Unnotched	74.6 J	55.0 ft-lb	

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