

Pacific Sintered Materials F-244-S(HT) High Carbon Steel Powdered Metal

Category : Metal , Ferrous Metal , Carbon Steel , High Carbon Steel

Material Notes:

Applications:Highly stressed mechanical componentsGood hardenabilityEquivalent MPIF Specification: F-0008-85(HT)All information provided by Pacific Sintered Metals.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Pacific-Sintered-Materials-F-244-SHT-High-Carbon-Steel-Powdered-Metal.php

Physical Properties	Metric	English	Comments
Density	6.80 - 7.20 g/cc	0.246 - 0.260 lb/in ³	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell C	35	35	Apparent
Tensile Strength, Ultimate	655 MPa	95000 psi	
Tensile Strength, Yield	655 MPa	95000 psi	
Elongation at Break	<= 0.50 %	<= 0.50 %	
Modulus of Elasticity	138 GPa	20000 ksi	
Flexural Strength	1000 MPa	145000 psi	Transverse Rupture
Charpy Impact, Unnotched	6.78 J	5.00 ft-lb	

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