

## Pacific Sintered Materials FN-255-S(HT) Nickel Steel Powdered Metal

Category : Metal , Nonferrous Metal , Nickel Alloy

**Material Notes:**

Good impact resistant mechanical components. Good hardenability. Equivalent MPIF Specification: FN-0208-130HT All information provided by Pacific Sintered Metals.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Pacific-Sintered-Materials-FN-255-SHT-Nickel-Steel-Powdered-Metal.php](http://www.lookpolymers.com/polymer_Pacific-Sintered-Materials-FN-255-SHT-Nickel-Steel-Powdered-Metal.php)

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

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell C	35	35	
Tensile Strength, Ultimate	1000 MPa	145000 psi	
Tensile Strength, Yield	1000 MPa	145000 psi	
Elongation at Break	<= 0.50 %	<= 0.50 %	
Modulus of Elasticity	138 GPa	20000 ksi	
Flexural Strength	1280 MPa	185000 psi	Transverse Rupture
Charpy Impact, Unnotched	8.13 J	6.00 ft-lb	

## Contact Songhan Plastic Technology Co.,Ltd.

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