

## PSM Industries Pacific Sintered Metals High Strength Nickel Steel FN-262-S Powdered Metal

Category : Metal , Ferrous Metal

### Material Notes:

High strength, Good impact resistant material for mechanical components, Excellent hardenability Equivalent MPIF Specification: FN-0405-35 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-High-Strength-Nickel-Steel-FN-262-S-Powdered-Metal.php](http://www.lookpolymers.com/polymer_PSM-Industries-Pacific-Sintered-Metals-High-Strength-Nickel-Steel-FN-262-S-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 B	71	71	
Tensile Strength, Ultimate	414 MPa	60000 psi	
Tensile Strength, Yield	276 MPa	40000 psi	
Elongation at Break	3.0 %	3.0 %	1 in. gauge
Tensile Modulus	138 GPa	20000 ksi	
Flexural Strength	827 MPa	120000 psi	Transverse Rupture
Charpy Impact, Unnotched	20.3 J	15.0 ft-lb	

## Contact Songhan Plastic Technology Co.,Ltd.

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