

## PSM Industries Pacific Sintered Metals Infiltrated High Carbon Steel FX-232-T Powdered Metal

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

### Material Notes:

Good strength, shock resistance and hardenability, Moderate tolerance control Equivalent MPIF Specification: FX-1008-50  
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-High-Carbon-Steel-FX-232-T-Powdered-Metal.php](http://www.lookpolymers.com/polymer_PSM-Industries-Pacific-Sintered-Metals-Infiltrated-High-Carbon-Steel-FX-232-T-Powdered-Metal.php)

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

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell B	89	89	
Tensile Strength, Ultimate	600 MPa	87000 psi	
Tensile Strength, Yield	414 MPa	60000 psi	
Elongation at Break	3.0 %	3.0 %	1 in. gauge
Tensile Modulus	110 GPa	16000 ksi	
Flexural Strength	1140 MPa	166000 psi	Transverse Rupture
Charpy Impact, Unnotched	13.6 J	10.0 ft-lb	

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China