

## PSM Industries Pacific Sintered Metals Infiltrated Steel FX-227-T Powdered Metal

Category : Metal , Ferrous Metal

### Material Notes:

Machines and plates well, Good in hydraulic applications, Moderate tolerance control Equivalent MPIF Specifications: FX-1005-50  
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-Steel-FX-227-T-Powdered-Metal.php](http://www.lookpolymers.com/polymer_PSM-Industries-Pacific-Sintered-Metals-Infiltrated-Steel-FX-227-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	82	82	
Tensile Strength, Ultimate	531 MPa	77000 psi	
Tensile Strength, Yield	345 MPa	50000 psi	
Elongation at Break	4.0 %	4.0 %	1 in. gauge
Tensile Modulus	110 GPa	16000 ksi	
Flexural Strength	1090 MPa	158000 psi	Transverse Rupture
Charpy Impact, Unnotched	17.6 J	13.0 ft-lb	

## Contact Songhan Plastic Technology Co.,Ltd.

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