

Pacific Sintered Materials FCC-214-S(HT) High Carbon Copper Steel Powdered Metal

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

Material Notes:

High strength, good impact resistant material for mechanical components. Excellent hardenability. High performance material with high strength and wear resistance after heat treatment. Equivalent MPIF Specification: FC-0208-80HT All information provided by Pacific Sintered Metals.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Pacific-Sintered-Materials-FCC-214-SHT-High-Carbon-Copper-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 | |
| Tensile Strength, Ultimate | 621 MPa | 90000 psi | |
| Tensile Strength, Yield | 621 MPa | 90000 psi | |
| Elongation at Break | <= 1.0 % | <= 1.0 % | |
| Flexural Strength | 965 MPa | 140000 psi | Transverse Rupture |
| Charpy Impact, Unnotched | 6.78 J | 5.00 ft-lb | |

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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