

PSM Industries PolyAlloys WNF-5421 Tungsten Heavy Alloy

Category : Metal , Nonferrous Metal , Tungsten Alloy

Material Notes:

Mil. T-21014 Class 2, SAE-AMS-T-21014 Class 2, ASTM-B-777-87 Class 2 Information Provided by PolyAlloys, a division of PSM Industries

Order this product through the following link:

http://www.lookpolymers.com/polymer_PSM-Industries-PolyAlloys-WNF-5421-Tungsten-Heavy-Alloy.php

Physical Properties	Metric	English	Comments
Density	>= 17.15 g/cc	>= 0.6196 lb/in ³	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell C	28	28	
Tensile Strength, Ultimate	>= 827 MPa	>= 120000 psi	
Tensile Strength, Yield	>= 552 MPa @Strain 0.200 %	>= 80000 psi @Strain 0.200 %	
Elongation at Break	>= 8.0 %	>= 8.0 %	1 in. gauge
Tensile Modulus	331 GPa	48000 ksi	

Component Elements Properties	Metric	English	Comments
Iron, Fe	2.1 %	2.1 %	
Nickel, Ni	5.4 %	5.4 %	
Tungsten, W	92.5 %	92.5 %	

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