

Hogen H50S, 50 Silver/50 Tungsten PM Metal Composite

Category : Metal , Metal Matrix Composite , Nonferrous Metal , Precious Metal , Silver Alloy , Refractory Metal , Tungsten Alloy

Material Notes:

Hogen Duralloy refractory alloys are manufactured by pressing, sintering, and infiltrating tungsten with copper or silver. Silver-Tungsten is used when high oxidation-resistant materials are necessary and superior surface is required. Silver-tungsten is also widely used for tips on contact shoe facings used in high frequency continuous welding processes. Data provided by Hogen Industries.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Hogen-H50S-50-Silver50-Tungsten-PM-Metal-Composite.php

Physical Properties	Metric	English	Comments
Density	>= 13.2 g/cc	>= 0.477 lb/in ³	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell B	70	70	

Component Elements Properties	Metric	English	Comments
Silver, Ag	50 %	50 %	
Tungsten, W	50 %	50 %	

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