

## Hogen H35S, 35 Silver/65 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-H35S-35-Silver65-Tungsten-PM-Metal-Composite.php](http://www.lookpolymers.com/polymer_Hogen-H35S-35-Silver65-Tungsten-PM-Metal-Composite.php)

Physical Properties	Metric	English	Comments
Density	>= 14.4 g/cc	>= 0.520 lb/in <sup>3</sup>	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell B	84	84	

Component Elements Properties	Metric	English	Comments
Silver, Ag	35 %	35 %	
Tungsten, W	65 %	65 %	

Electrical Properties	Metric	English	Comments
Electrical Resistivity	0.00000320 ohm-cm	0.00000320 ohm-cm	

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