

CMW® ELKONITE 35SB tungsten, silver

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

Material Notes:

ELKONITE® 35SB is the most popular material made by the press sinter process with a small addition of nickel used to activate the sintering. Because of fewer steps in manufacture this material is more economical than the Elkonite® 35S (press-sinter-infiltrate) counterpart. This composition is widely used for household, appliance, instrument and aircraft circuit breakers. At the currents encountered in small molded case circuit breakers, the erosion characteristics of ELKONITE® 35SB are similar to those of infiltrated ELKONITE® 35S. They are also used in street lighting relays and other special purpose devices where high surge currents are encountered and resistance to welding is required. Information provided by CMW Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_CMW-ELKONITE-35SB-tungsten-silver.php

Physical Properties	Metric	English	Comments
Density	14.33 g/cc	0.5177 lb/in ³	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell B	86	86	

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

Electrical Properties	Metric	English	Comments
Electrical Resistivity	0.00000340 ohm-cm	0.00000340 ohm-cm	51 % IACS

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