

Materion Beryllium Copper Alloy 25 Rod and Bar; HT (TH04) Temper; up to 9.5 mm (UNS C17200)

Category : Metal , Nonferrous Metal , Beryllium Alloy , Copper Alloy

Material Notes:

Treatment required for max strength: 2-3 hrs @ 315-330°C or Mill Hardened. Tabulated properties apply to products after age hardening.

Information supplied by Brush Wellman. Brush Engineered Materials Inc. changed its name to Materion Corporation in March 2011.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Materion-Beryllium-Copper-Alloy-25-Rod-and-Bar-HT-TH04-Temper-up-to-95-mm-UNS-C17200.php

Physical Properties	Metric	English	Comments
Density	8.36 g/cc	0.302 lb/in ³	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell C	39 - 45	39 - 45	

Component Elements Properties	98 % Metric	98 % English	Comments
Lead, Pb	<= 0.020 %	<= 0.020 %	

Electrical Properties	Metric	English	Comments
Electrical Resistivity	0.00000610 - 0.00000780 ohm-cm	0.00000610 - 0.00000780 ohm-cm	22-28% IACS Conductivity

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