

IBC Advanced Alloys 5% BeAl Beryllium Aluminum Master Alloy

Category : Metal , Nonferrous Metal , Aluminum Alloy , Beryllium Alloy

Material Notes:

Beryllium aluminum "Master Alloys" are formulated to introduce relatively small percentage "alloying" additions to base metal furnace melts. Producers of aluminum, magnesium, and nickel alloys have developed alloy product chemical compositions that require minute percent additions of beryllium to increase the efficiency of the alloy melting and manufacturing process, and enhance material properties such as strength, toughness, ductility, fluidity, and corrosion resistance in the finished alloy. Information provided by IBC Advanced Alloys.

Order this product through the following link:

http://www.lookpolymers.com/polymer_IBC-Advanced-Alloys-5-BeAl-Beryllium-Aluminum-Master-Alloy.php

Physical Properties	Metric	English	Comments
Density	2.71 g/cc	0.0980 lb/in ³	

Thermal Properties	Metric	English	Comments
Melting Point	880.0 °C	1616 °F	

Component Elements Properties	Metric	English	Comments
Aluminum, Al	94.5 - 95.5 %	94.5 - 95.5 %	As Balance
Beryllium, Be	4.5 - 5.5 %	4.5 - 5.5 %	

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