

## IBC Advanced Alloys 21CT C82510 High Strength Beryllium Copper Casting Alloy

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

### Material Notes:

21CT has a small titanium addition to produce a finer grained product than 21C. Information provided by IBC Advanced Alloys.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_IBC-Advanced-Alloys-21CT-C82510-High-Strength-Beryllium-Copper-Casting-Alloy.php](http://www.lookpolymers.com/polymer_IBC-Advanced-Alloys-21CT-C82510-High-Strength-Beryllium-Copper-Casting-Alloy.php)

Thermal Properties	Metric	English	Comments
Melting Point	857.2 - 982 Â°C	1575 - 1800 Â°F	
Solidus	857.2 Â°C	1575 Â°F	
Liquidus	982 Â°C	1800 Â°F	

Component Elements Properties	Metric	English	Comments
Cobalt, Co	1.0 - 1.2 %	1.0 - 1.2 %	
Copper, Cu	96.2 - 96.88 %	96.2 - 96.88 %	As Balance
Titanium, Ti	0.020 - 0.10 %	0.020 - 0.10 %	

Processing Properties	Metric	English	Comments
Casting Temperature	982 - 1070 Â°C	1800 - 1950 Â°F	Pouring Range

## Contact Songhan Plastic Technology Co.,Ltd.

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