

Goodfellow Aluminum 99/Silicon 1 Alloy

Category : Metal , Nonferrous Metal , Aluminum Alloy

Material Notes:

An addition of 1% Silicon lowers the melting range without producing brittleness. Aluminum/Silicon alloys are used in brazing alloys and welding wire for joining Aluminum as well as bonding wire in the semi-conductor industry. Information provided by Goodfellow.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Goodfellow-Aluminum-99Silicon-1-Alloy.php

Physical Properties	Metric	English	Comments
Density	2.70 g/cc	0.0975 lb/in ³	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	310 MPa	45000 psi	

Thermal Properties	Metric	English	Comments
Melting Point	600 °C	1110 °F	

Component Elements Properties	Metric	English	Comments
Aluminum, Al	99 %	99 %	
Silicon, Si	1.0 %	1.0 %	

Electrical Properties	Metric	English	Comments
Electrical Resistivity	0.00000260 - 0.00000350 ohm-cm	0.00000260 - 0.00000350 ohm-cm	Temperature Coefficient of 0.0042/K

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