

ATI Allvac® Allcorr® UNS N06110 Nickel Superalloy

Category : Metal , Nonferrous Metal , Nickel Alloy , Superalloy

Material Notes:

Uses: Equipment for deep sour gas wells, flue gas desulfurization, chemical and hydrocarbon processing, and pulp and paper. Property values are for samples in the metallurgical condition: 2050°F anneal. Information provided by Allvac, An Allegheny Teledyne Company.

Order this product through the following link:

http://www.lookpolymers.com/polymer_ATI-Allvac-Allcorr-UNS-N06110-Nickel-Superalloy.php

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

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell B	85	85	
Tensile Strength, Ultimate	724 MPa	105000 psi	
Tensile Strength, Yield	310 MPa @Strain 0.200 %	45000 psi @Strain 0.200 %	
Elongation at Break	60 %	60 %	
Reduction of Area	60 %	60 %	

Component Elements Properties	Metric	English	Comments
Aluminum, Al	0.25 %	0.25 %	
Carbon, C	0.020 %	0.020 %	
Chromium, Cr	31 %	31 %	
Molybdenum, Mo	10 %	10 %	
Nickel, Ni	56 %	56 %	as balance
Niobium, Nb (Columbium, Cb)	0.40 %	0.40 %	
Titanium, Ti	0.25 %	0.25 %	
Tungsten, W	2.0 %	2.0 %	

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