

ATI Allegheny Ludlum AL 15-5 High Strength Stainless Steel, UNS S15500

Category : Metal , Ferrous Metal , Stainless Steel , Precipitation Hardening Stainless

Material Notes:

Property data below is typical of annealed samples. Available in plate. For use in fasteners, military equipment and air frame parts. Information provided by Allegheny Ludlum

Order this product through the following link:

http://www.lookpolymers.com/polymer_ATI-Allegheny-Ludlum-AL-15-5-High-Strength-Stainless-Steel-UNS-S15500.php

Physical Properties	Metric	English	Comments
Density	7.78 g/cc	0.281 lb/in ³	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell C	33	33	
Tensile Strength, Ultimate	1035 MPa	150100 psi	
Tensile Strength, Yield	760 MPa @Strain 0.200 %	110000 psi @Strain 0.200 %	
Elongation at Break	10 %	10 %	

Component Elements Properties	Metric	English	Comments
Chromium, Cr	15 %	15 %	
Copper, Cu	3.5 %	3.5 %	
Iron, Fe	77 %	77 %	as balance
Nickel, Ni	4.5 %	4.5 %	

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