

ATI Allegheny Ludlum AL 17-7™ High Strength Stainless Steel, UNS S17700

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

Material Notes:

Property data below is typical of annealed samples. Available in sheet and strip. For use in high-strength springs, bellows, and aerospace applications. Information provided by Allegheny Ludlum

Order this product through the following link:

http://www.lookpolymers.com/polymer_ATI-Allegheny-Ludlum-AL-17-7-High-Strength-Stainless-Steel-UNS-S17700.php

Physical Properties	Metric	English	Comments
Density	7.81 g/cc	0.282 lb/in ³	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell B	85	85	
Tensile Strength, Ultimate	830 MPa	120000 psi	
Tensile Strength, Yield	345 MPa @Strain 0.200 %	50000 psi @Strain 0.200 %	
Elongation at Break	35 %	35 %	

Component Elements Properties	Metric	English	Comments
Aluminum, Al	1.1 %	1.1 %	
Chromium, Cr	17 %	17 %	
Iron, Fe	74.9 %	74.9 %	as balance
Nickel, Ni	7.0 %	7.0 %	

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