

ATI Allegheny Ludlum AL 219 High Strength Specialty Steel Alloy (Alloy 21-6-9), UNS S21904

Category : Metal , Ferrous Metal , Stainless Steel , Superalloy , Iron Base

Material Notes:

Property data below is typical of annealed samples. Available in sheet, strip and plate. Intended for high-strength non-magnetic applications and aircraft parts such as hydraulic tubing. Information provided by Allegheny Ludlum

Order this product through the following link:

http://www.lookpolymers.com/polymer_ATI-Allegheny-Ludlum-AL-219-High-Strength-Specialty-Steel-Alloy-Alloy-21-6-9-UNS-S21904.php

Physical Properties	Metric	English	Comments
Density	8.03 g/cc	0.290 lb/in ³	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell B	95	95	
Tensile Strength, Ultimate	795 MPa	115000 psi	
Tensile Strength, Yield	450 MPa @Strain 0.200 %	65300 psi @Strain 0.200 %	
Elongation at Break	45 %	45 %	

Component Elements Properties	Metric	English	Comments
Chromium, Cr	21 %	21 %	
Iron, Fe	64 %	64 %	as balance
Manganese, Mn	9.0 %	9.0 %	
Nickel, Ni	6.0 %	6.0 %	
Nitrogen, N	0.30 %	0.30 %	

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