

ATI Allegheny Ludlum AM 350™ High Strength Specialty Steel Alloy, UNS S35000

Category : Metal , Ferrous Metal , Stainless Steel , T 300 Series Stainless Steel

Material Notes:

Property data below is typical of annealed samples. Available in sheet and strip only. For use in valves, aircraft tubing, bellows, mounts, brackets, and ducts. Information provided by Allegheny Ludlum

Order this product through the following link:

http://www.lookpolymers.com/polymer_ATI-Allegheny-Ludlum-AM-350-High-Strength-Specialty-Steel-Alloy-UNS-S35000.php

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

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell B	100	100	
Tensile Strength, Ultimate	1175 MPa	170400 psi	
Tensile Strength, Yield	485 MPa @Strain 0.200 %	70300 psi @Strain 0.200 %	
Elongation at Break	30 %	30 %	

Component Elements Properties	Metric	English	Comments
Chromium, Cr	16.5 %	16.5 %	
Iron, Fe	76 %	76 %	as balance
Manganese, Mn	0.80 %	0.80 %	
Molybdenum, Mo	2.75 %	2.75 %	
Nickel, Ni	4.3 %	4.3 %	

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