

ATI Allvac® VascoMax® T-200 Specialty Steel

Category : Metal , Ferrous Metal , Stainless Steel

Material Notes:

Missile components, tooling and other applications requiring good toughness with high strength. Jet engine shafts. Property values are for samples in the metallurgical condition: 1500°F age. Information provided by Allvac, An Allegheny Teledyne Company.

Order this product through the following link:

http://www.lookpolymers.com/polymer_ATI-Allvac-VascoMax-T-200-Specialty-Steel.php

Physical Properties	Metric	English	Comments
Density	8.00 g/cc	0.289 lb/in ³	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell C	42	42	
Tensile Strength, Ultimate	1518 MPa	220200 psi	
Tensile Strength, Yield	1449 MPa @Strain 0.200 %	210200 psi @Strain 0.200 %	
Elongation at Break	13 %	13 %	
Reduction of Area	60 %	60 %	

Component Elements Properties	Metric	English	Comments
Aluminum, Al	0.10 %	0.10 %	
Carbon, C	0.020 %	0.020 %	
Iron, Fe	78 %	78 %	as balance
Manganese, Mn	0.050 %	0.050 %	
Molybdenum, Mo	3.0 %	3.0 %	
Nickel, Ni	18.5 %	18.5 %	
Phosphorous, P	0.0050 %	0.0050 %	
Silicon, Si	0.050 %	0.050 %	
Sulfur, S	0.0050 %	0.0050 %	
Titanium, Ti	0.70 %	0.70 %	

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