

## ATI Allvac® 30, Titanium Alloy, Heat Treatment: 704°C (1300°F) Anneal

Category : Metal , Nonferrous Metal , Titanium Alloy , Unalloyed/Modified Titanium

**Material Notes:**

Data provided by Allvac.Applications: Airframe components, cryogenic vessels, heat exchangers, CPI equipment, condenser tubing, pickling baskets.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ATI-Allvac-30-Titanium-Alloy-Heat-Treatment-704C-1300F-Anneal.php](http://www.lookpolymers.com/polymer_ATI-Allvac-30-Titanium-Alloy-Heat-Treatment-704C-1300F-Anneal.php)

Physical Properties	Metric	English	Comments
Density	4.51 g/cc	0.163 lb/in <sup>3</sup>	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell B	70	70	
Tensile Strength, Ultimate	241 MPa	35000 psi	
Tensile Strength, Yield	172 MPa @Strain 0.200 %	24900 psi @Strain 0.200 %	
Elongation at Break	24 %	24 %	
Reduction of Area	30 %	30 %	

Component Elements Properties	Metric	English	Comments
Carbon, C	<= 0.10 %	<= 0.10 %	
Hydrogen, H	<= 0.015 %	<= 0.015 %	
Iron, Fe	<= 0.20 %	<= 0.20 %	
Nitrogen, N	<= 0.030 %	<= 0.030 %	
Oxygen, O	<= 0.18 %	<= 0.18 %	
Titanium, Ti	99 %	99 %	as balance

## Contact Songhan Plastic Technology Co.,Ltd.

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