

Kobe Steel KS-6-2-4-6 Alpha-Beta Titanium Alloy, AMS 4981, Solution treated and aged. Thickness ≤ 3 in.

Category : Metal , Nonferrous Metal , Titanium Alloy

Material Notes:

Nominal Composition: Ti-6 Al-2 Sn-4 Zr-6 Mo Applications: Jet engine parts. Features:High strength, excellent balance between strength and toughness.Information provided by Kobe Steel

Order this product through the following link:

http://www.lookpolymers.com/polymer_Kobe-Steel-KS-6-2-4-6-Alpha-Beta-Titanium-Alloy-AMS-4981-Solution-treated-and-aged-Thickness-le-3-in.php

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	≥ 1172 MPa	≥ 170000 psi	
Tensile Strength, Yield	≥ 1103 MPa	≥ 160000 psi	0.2% proof
Elongation at Break	≥ 8.0 %	≥ 8.0 %	Transverse
	≥ 10 %	≥ 10 %	Longitudinal
Reduction of Area	≥ 15 %	≥ 15 %	Transverse
	≥ 20 %	≥ 20 %	Longitudinal

Component Elements Properties	Metric	English	Comments
Aluminum, Al	5.5 - 6.5 %	5.5 - 6.5 %	
Carbon, C	≤ 0.040 %	≤ 0.040 %	
Hydrogen, H	≤ 0.015 %	≤ 0.015 %	
Iron, Fe	≤ 0.15 %	≤ 0.15 %	
Molybdenum, Mo	5.5 - 6.5 %	5.5 - 6.5 %	
Nitrogen, N	≤ 0.040 %	≤ 0.040 %	
Oxygen, O	≤ 0.15 %	≤ 0.15 %	
Tin, Sn	1.75 - 2.25 %	1.75 - 2.25 %	
Titanium, Ti	≥ 79.855 %	≥ 79.855 %	As Remainder
Zirconium, Zr	3.5 - 4.5 %	3.5 - 4.5 %	

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