

## Kobe Steel KS70 Commercially Pure Titanium, ASTM Gr. 3, Annealed

Category : Metal , Nonferrous Metal , Titanium Alloy

**Material Notes:**

Nominal Composition: Ti-Fe-O Applications: Tube sheets. Features: Relatively high strength, excellent corrosion resistance. Information provided by Kobe Steel

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Kobe-Steel-KS70-Commercially-Pure-Titanium-ASTM-Gr-3-Annealed.php](http://www.lookpolymers.com/polymer_Kobe-Steel-KS70-Commercially-Pure-Titanium-ASTM-Gr-3-Annealed.php)

Physical Properties	Metric	English	Comments
Density	4.50 g/cc	0.163 lb/in <sup>3</sup>	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	>= 450 MPa	>= 65300 psi	
Tensile Strength, Yield	380 - 550 MPa @Strain 0.200 %	55100 - 79800 psi @Strain 0.200 %	
Elongation at Break	>= 18 %	>= 18 %	
Reduction of Area	>= 30 %	>= 30 %	
Bend Radius, Minimum	2.0 t	2.0 t	t &le; 1.8 mm
	2.5 t	2.5 t	1.8 &lt; t &le; 4.75 mm

Component Elements Properties	Metric	English	Comments
Carbon, C	<= 0.080 %	<= 0.080 %	
Hydrogen, H	<= 0.015 %	<= 0.015 %	
Iron, Fe	<= 0.30 %	<= 0.30 %	
Nitrogen, N	<= 0.050 %	<= 0.050 %	
Oxygen, O	<= 0.35 %	<= 0.35 %	
Titanium, Ti	>= 99.205 %	>= 99.205 %	As Remainder

### 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