

## Kobe Steel KS100 Commercially Pure Titanium, Annealed

Category : Metal , Nonferrous Metal , Titanium Alloy

**Material Notes:**

Nominal Composition: Ti-Fe-O Applications: Wrist watches, cutlery, golf club heads. Features: Scratch resistant, easy to polish, high strength. Information provided by Kobe Steel

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Kobe-Steel-KS100-Commercially-Pure-Titanium-Annealed.php](http://www.lookpolymers.com/polymer_Kobe-Steel-KS100-Commercially-Pure-Titanium-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	>= 650 MPa	>= 94300 psi	
Tensile Strength, Yield	>= 550 MPa	>= 79800 psi	0.2% proof
Elongation at Break	>= 15 %	>= 15 %	
Bend Radius, Minimum	3.0 t	3.0 t	t &le; 5 mm

Component Elements Properties	Metric	English	Comments
Carbon, C	<= 0.080 %	<= 0.080 %	
Hydrogen, H	<= 0.013 %	<= 0.013 %	
Iron, Fe	<= 0.45 %	<= 0.45 %	
Nitrogen, N	<= 0.070 %	<= 0.070 %	
Oxygen, O	<= 0.50 %	<= 0.50 %	
Titanium, Ti	>= 98.887 %	>= 98.887 %	As Remainder

### Contact Songhan Plastic Technology Co.,Ltd.

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