

Kobe Steel KS40PDA Titanium alloy with low alloying elements, ASTM Gr. 11, Annealed

Category : Metal , Nonferrous Metal , Titanium Alloy

Material Notes:

Nominal Composition: Ti-0.15 Pd Applications: Condenser tubes, heat transfer tubes, piping, linings, electrolysis vessels, chemical use. Features: Super corrosion resistant. Information provided by Kobe Steel

Order this product through the following link:

http://www.lookpolymers.com/polymer_Kobe-Steel-KS40PDA-Titanium-alloy-with-low-alloying-elements-ASTM-Gr-11-Annealed.php

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

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	>= 240 MPa	>= 34800 psi	
Tensile Strength, Yield	170 - 310 MPa	24700 - 45000 psi	0.2% proof
Elongation at Break	>= 24 %	>= 24 %	
Reduction of Area	>= 30 %	>= 30 %	
Bend Radius, Minimum	1.5 t	1.5 t	t ≤ 1.8 mm
	2.0 t	2.0 t	1.8 < t ≤ 4.75 mm

Component Elements Properties	Metric	English	Comments
Carbon, C	<= 0.080 %	<= 0.080 %	
Hydrogen, H	<= 0.015 %	<= 0.015 %	
Iron, Fe	<= 0.20 %	<= 0.20 %	
Nitrogen, N	<= 0.030 %	<= 0.030 %	
Oxygen, O	<= 0.18 %	<= 0.18 %	
Palladium, Pd	0.12 - 0.25 %	0.12 - 0.25 %	
Titanium, Ti	>= 99.245 %	>= 99.245 %	As Remainder

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.comEmail : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China