



Material - ASME SB-241 6063

Standard Specification For Aluminium Alloy Seamless Pipe and Extruded Tube

Group - Non-Ferrous Aluminium Alloys

Sub Group - ASME SB-241 6063 Aluminium Alloy Seamless Pipe and Extruded Tube

Application - Intended for Valve, Pump, General Engineering, Automotive and Other Industries

Grade Belongs to the Industry - Pipe and Tube

Chemical Composition			Heat Treatment	
Silicon	Si %	0.200 - 0.600	As Raw or Temper or Solution Treated or Aging	
Chromium	Cr %	0.100 max.		
Manganese	Mn %	0.100 max.		
Magnesium	Mg %	0.450 - 0.900		
Copper	Cu %	0.100 max.		
Iron	Fe %	0.350 max.		
Zinc	Zn %	0.100 max.		
Titanium	Ti %	0.100 max.		
Other	Ot %	1.000 max.		
Aluminium	Al %	Balance		
-	-	-	Mechanical Properties Tensile Strength in Mpa 110 - 205 Yield Strength in Mpa 55 - 170 Elongation in % 7 min. Reduction of Area in % - Hardness in BHN - Impact in Joule -	
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-	-	-		
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Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
6063	SAE	USA	Bar, Rod, Shapes, Tube and Wire, Extrusion
6063	AS	Australia	Wire, Rod, Bar and Strip
B 491 6063	ASTM	USA	Tube
A96063	UNS	USA	Bar, Rod, Shapes, Tube and Wire, Extrusion
EN AW-6063	DIN	Germany	Rod, Bar and Tube
6063	ISO	International	Rod, Bar and Tube
B 275 GS10A	ASTM	USA	Bar, Rod, Shapes, Tube and Wire, Extrusion

Further any inquiry to discuss with Gravity Cast Pvt. Ltd. – Gravity Group of Companies team member Call on +918469160029, or email marketing@gravitycastindia.com

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