

Material: ISO 16 Mo 3

Standard Specification for Seamless Steel Tubes for Pressure Purposes

Group: Ferrous Mild Steel Alloys

Sub Group: ISO 16 Mo 3 Seamless Steel Tubes for Pressure Purposes

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

Grade Belongs to the Industry: Steel, Forging, Rolling and Bar

Chemical Composition		
Carbon	C %	0.120 - 0.200
Silicon	Si %	0.350 max.
Manganese	Mn %	0.400 - 0.900
Phosphorus	P %	0.035 max.
Sulphur	S %	0.030 max.
Chromium	Cr %	0.300 max.
Molybdenum	Mo %	0.250 - 0.350
Copper	Cu %	0.300 max.
Iron	Fe %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment	
Normalizing Forming	

Mechanical Properties	
Tensile Strength in Mpa	410 - 600
Yield Strength in Mpa	210 min.
Elongation in %	20 min.
Reduction of Area in %	-
Hardness in BHN	-
Impact in Joule	27 J @ RT

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
1.5415	EN	European Union	Tube
16 Mo 3	AFNOR NF	France	Steel and Tube
16 Mo 3	BS	British	Steel and Tube
16 Mo 3	DIN	Germany	Steel and Tube
16 Mo 3	NBN	Belgium	Steel and Tube
16 Mo 3	STAS	Romania	Steel and Plates
16 Mo 3	UNI	Italy	Steel and Tube

Disclaimer: All information displayed in our data sheets are for reference purpose only and are sole property of their respective owners. Information and or material are used for educational purposes only. Data at actual may vary at actual and case to case basis. ICAST Alloys LLP does not guarantee validity of these parameters. Warranties and liabilities are exclusive to our terms and conditions of business.

Customer Care: +91-99090 45075 Email: info@icastllp.com



+91-99090 45075



info@icastllp.com



ICAST ALLOYS LLP, Plot 2527, Road H1, Kranti Gate, GIDC Metoda, Lodhika, Rajkot-360021, Gujarat, India