

Material: STAS 16 Mo 3

Standard Specification for Seamless Steel Tubes for Pressure Purposes

Group: Ferrous Mild Steel Alloys

Sub Group: STAS 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 and Plates

Chemical Composition		
Carbon	C %	0.120 - 0.200
Silicon	Si %	0.150 - 0.350
Manganese	Mn %	0.500 - 0.800
Phosphorus	P %	0.035 max.
Sulphur	S %	0.030 max.
Chromium	Cr %	0.300 max.
Molybdenum	Mo %	0.250 - 0.400
Nickel	Ni %	0.300 max.
Aluminium	Al %	0.010 - 0.030
Arsenic	As %	0.070 max.
Iron	Fe %	Balance
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
Normalizing Forming

Mechanical Properties	
Tensile Strength in Mpa	-
Yield Strength in Mpa	-
Elongation in %	-
Reduction of Area in %	-
Hardness in BHN	-
Impact in Joule	-

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	ISO	International	Steel, Forging, Rolling and Bar
16 Mo 3	NBN	Belgium	Steel and Tube
16 Mo 3	UNI	Italy	Steel and Tube

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