

Material: JIS SC 480

Standard Specification for Steel Castings for Pressure Purposes

Group: Ferrous Mild Steel Alloys

Sub Group: JIS SC 480 Steel Castings for Pressure Purposes

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

Grade Belongs to the Industry: *Casting*

Heat Treatment

Mechanical Properties	
Tensile Strength in Mpa	480 min.
Yield Strength in Mpa	245 min.
Elongation in %	17 min.
Reduction of Area in %	25 min.
Hardness in BHN	-
Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
EN 10213 G17Mn5	BS	British	Plate, Tubes and Forging
GS-16 Mn 5	DIN	Germany	Plate, Tubes and Forging
SCW 480	JIS	Japan	Casting
SCW 490-CF	JIS	Japan	Casting
G 17 Mn 5	MSZ	Hungary	Casting
G 17 Mn 5	UNI	Italy	Casting
G 17 Mn 5	UNE	Spain	Casting

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