

Structures &amp; Building &amp; Construction &amp; Manufacturing Components &amp; Supplies-UNSPSC: 30

Major Product category :Structural materials &amp; basic shapes - UNSPSC Code 3010

Sub Category :Plates- UNSPSC Code 301022

Copper bearing structural Plate as per IS 2062 (Steel plate): UNSPSC Code - 30102204-02

S no	Parameters		Value 1	Value2	Value 3	Value 4	Value 5	Value 6	value 7	Unit	Remarks
<b>Generic</b>											
1	Mild Steel Plate specification		HOT ROLLED MEDIUM AND HIGH TENSILE STRUCTURAL STEEL in compliance to IS:2062 latest								G
<b>Constructional</b>											
1	Dimensions of Steel Plates		in compliance to IS 1730								M
2	Nominal Thickness of Plate	N	5.00	6.00	7.00	8.00	10.00	12.00	14.00	mm	G
			16.00	18.00	20.00	22.00	25.00	28.00	32.00		
			36.00	40.00	45.00	50.00	56.00	63.00			
3	Nominal Length of Plate	N	2200	2500	2800	3200	3600	4000	4500	mm	G
			5000	5600	6300	7100	8000	9000	10000		
			11000	12500	13500	5800	6000	8500	9500		
			12225	9350	8300	9300	8450				
4	Nominal Width of Plate	N	900	950	1000	1100	1200	1250	1400	mm	G
			1500	1600	1800	2000	2200	2500	2700		
			3200	2550							
5	Mode of Deoxidation		Killed	Semi-Killed	Killed/Semi-Killed						F
6	Supply Condition		as-rolled	normalizing	normalizing rolling	controlled rolling	accelerated cooling conditions				F
<b>Performance</b>											
1	Steel Grade Designation	Ch	E 250	E 275	E300	E350	E410	E450			G
			E 550	E 650							

2	Quality Of Steel as applicable	Ch	A : Impact test not required, semi-killed/killed	BR : Impact test optional; if required at room temperature; semi-killed/killed	B0 : Impact test mandatory at 0°C, semi-killed/ killed	C : Impact test mandatory at –20°C, killed				F
3	Nominal Mass per Metre of Plates as per Table 3 of IS 1730	N							Kg/meter	M
4	Copper Content							0.20≤N≤0.35	% TBD	M
5	Presence of Cr,Mo, Ni,B Content	Ch	yes		No				F	
<b>Certifications</b>										
1	BIS Marking to IS 2062 latest	Ch	Yes							F
2	BIS CM/L No (write NA for non ISI marked)	Ch								M
3	Availability of Test Report from Central Govt./NABL/ILAC accredited lab to prove confirmity of product for declared parameters as per IS:2062 With Latest amendment	Ch	Yes							M
4	Test Report No & Date	Ch								M
5	Test Report to be furnished to the buyer on demand	Ch	yes							M