

Structures & Building & Construction & Manufacturing Components & Supplies UNSPSC :30												
Major Product category :Structural materials & basic shapes - UNSPSC Code 3010												
Sub Category : Sheet - UNSPSC Code 301025												
Cold Reduced carbon steel sheet and strip IS 513(Part 1) : UNSPSC Code - 30102504												
S no	Parameters		Value 1	Value2	Value 3	Value 4	Value 5	Value 6	value 7	Unit	Remarks	
Generic												
1	Scope	CH	Cold reduced carbon steel sheets and stirps for cold forming and drawing purpose									M
2	Cold Reduced carbon steel sheet Specification		Cold Reduced carbon steel sheet and strip conforming to IS 513(Part 1): 2016									
Constructional												
1	Thickness of sheet	N	0.08	0.1	0.12	0.14	0.16	0.18	0.2	mm	G	
			0.22	0.25	0.28	0.3	0.32	0.35	0.4			
			0.45	0.5	0.55	0.63	0.7	0.8	0.9			
			1	1.2	1.25	1.4	1.5	1.6	1.8			
			2	2.5	2.65	3	3.25	3.5	4			
2	Length of Sheet	N	2,200	2,500	2,800	3,200	3,600	4,000	4,500	mm	G	
			5,000	5,600	6,300	7,100	8,000	9,000	10,000			
			11,000	12,000	13,000							
3	Sheet width	N	900	950	1000	1100	1200	1250	1400	mm	G	
			1500	1600	1800	2000	2200	2500				
4	Packing Details		cut length sheet	coils							F	
Performance												
1	Base Material designation and quality of cold reduced low carbon steel sheets and strips of sheet to IS 513 latest	CH	Cold Rolled full hard	General Purpose	Drwaing quality	Interstitial Free high Strength Steel	Bake hardening	Re-Phosphorized	C,Mn Steel		FM	
2	Steel Grade Designation	CH	CR0	CR1	CR2	CR3	CR4	CR5	ISC270C		G	
			ISC270D	ISC270E	ISC270F	ISC260G	ISC340P	ISC370P	ISC390P			
			ISC440P	ISC270B	ISC300B	ISC320B	ISC340B	ISC360B	ISC390B			
			ISC440B	ISC280R	ISC320R	ISC360R	ISC400R	ISC340W	ISC370			
			ISC390W	ISC440W								
3	Weight per Meter of sheet /REEL	N									KG	M TBD

Condition and Finishing											
1	Supply of sheet		Rimmed	Semi Killed	Killed						F
2	Surface Condition	N	Surface quality A	Surface Quality B	NA for CR0/CR1						F
3	Surface Finishing Designation	N	D for Dull Finish	C for Dull Finish	B for Bright Finish						F
4	Type of oiling	N	normal rust preventing oiling	High lubrication rust preventive oil		soild lubricant		No oiling			
5	Meterial Edge finish		mill condition edges			Trimed edges					F
6	Supply Conditions		For grade CR1, Temper Designation 1/2H	For grade CR1, Temper Designation 1/4H	For grade CR1, Temper Designation 1/8H	For grade CR1, Temper Designation -SP	For grade CR1, Temper Designation A	For grade CR0, Temper Designation FULL HARD	Annealed-skin passed		F
			any other for special application								
7	Marking as per cl-13.1 of specification		yes								
8	Packing as per cl-13.3 of specification		yes								
Certifications											
1	BIS Marking to IS 613- Part 1 (Latest)	Ch	Yes								FM
2	BIS CM/L No.(write NA if not	Ch									M TBD
3	Availability of Test Report from Central Govt./NABL/ILAC accredited lab to prove confirmity of product as per IS specification	Ch	Yes								M
4	Test Report No & Date	Ch									M TBD
5	Test Report to be furnished to the buyer on demand	Ch	yes								M