



BHUSHAN





TECHNICAL DATA SHEETS

IS 277 : 2003



CML-7658191

BHUSHAN SHAKTI - GALVANISED COILS & SHEETS

Sr. No.	Parameters	Technical Details / Specifications / Stds
1.	Product	BHUSHAN Shakti
2.	Reference Standard	ASTM A 653/A 653M
3.	Other Ref: Standards	JIS 3302, EN 10326 / EN 10327, AS 1397, IS 277
4.	Chemical Composition (Base Meal)	Low Carbon Steel % C : 0.12 max, % Mn : 1.2 max, % S : 0.03 max, %P : 0.03 max.
5.	Strip Thickness mm	0.15 to 1.6 (< 0.15 & above 1.6 in special cases)
6.	Strip Widths mm	700 to 1320 mm (1320 mm – Min Thickness – 0.35mm)
7.	Test method for Coating mass gms/m ² determination for the Single Spot and Triple Spot Test	ASTM A 90/A 90M
8.	Grade Designation	Gr 50/ Gr 80/ CS Type (A, B) & other grades as per customer requirements
9.	Yield Strength MPa Tensile Strength MPa	340 min for Gr 50 & 550 min for Gr 80. 410 min for Gr 50 & 570 min for Gr 80.
10.	% Elongation	As per ASTM Std
11.	Shape / Flatness	25 I Units
12.	Coating mass gms/m ² Coating Class	75 to 275 Z 120, Z180 and Z 275 as per ASTM Std. Or As mutually agreed
13.	Surface Condition / Treatment	Regular Spangle / Minimized Spangle – Skin Passed – Chrome Passivated & also (E-passivation – RoHS normative if required & Oiled & Surface treatment chemicals from M/s Henkel Chembond.)
14.	Testing of mech. Properties	ASTM A 924/A 924M
15.	Resistance to Corrosion – Salt spray life min hrs (ASTM B 117)	96 HRS, corrosion 5% (max) in Chrome Passivated Condition.
16.	Product Certification	All products are accompanied with MTC and packing list.
17.	Quality System	ISO 9001 - 2000



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Enhancing
The World Of
Steel