

1050 H14 SS

Technical Data Sheet

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Product

Alloy: 1050

Temper: H14

Product: Standard Sheet (SS)

Chemical Composition (%)

As per EN573-3:2019

Alloy Code	Element %									Others	
	Tol.	Fe	Si	Cu	Mn	Ti	Mg	Zn	Cr	Each	Total
1050	Min										
	Max	0.40	0.25	0.05	0.05	0.05	0.05	0.07	-	0.03	-
Comments:	Pb + Cd + Hg + Cr <100ppm										

Mechanical Properties

As per EN485-2:2016

Test Direction: Transverse	Raw Properties		Baked Properties	
	Min	Max	Min	Max
Proof Stress Rp0.2 (MPa)	85	-	-	-
Tensile Strength UTS (MPa)	105	145	-	-
Elongation (%) (0.8 to 1.5mm)	2.0	-	-	-
Elongation (%) (1.5 to 3.0mm)	4.0	-	-	-

Material Properties

Tolerances as per EN485-4:1994

Thickness	0.8 to 3.0mm
Width	1000 to 1500mm
Length	1500 to 4000mm
Interleave	Paper, Plastic Film (Bright Blue 50µm), None