

Product data sheet



Product: 1200AG HD
MIRO-SILVER® 12 HD

4700/0814/005/08.23

Alloy	¹	AlMg 1
Hardness	²	H14

Treatment front side	(S1)	anodised and PVD coated
Treatment reverse side	(S2)	anodised

Coating system	(S1)	PVD - based on AG 99,95
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Supply form

Metal Thickness	[mm]	Coil, strip, sheet, blanks	0,40/0,50
Width up to	[mm]		1250,00

Optical Values

Total light reflection	[%]	>96 [0,4mm]	
	[%]	>95 [0,5mm]	
Diffuse light reflection	[%]	94	DIN 5036-3 (U-Globe) (8°)

Mechanical Properties

Tensile strength Rm	[MPa]	>130
Yield strength Rp 0,2	[MPa]	>110
Elongation at break A50	[%]	2
Bending radius		1,5 x gauge of material

Tolerances

Metal Thickness	[mm]	0,40 - 0,50 ± 0,04
max Width/Coil	[mm]	+ 3,00 / - 0,00
Width Slit Coil	[mm]	± 0,20 standard
Longitudinal Curvature	[mm]	1,00 on a measuring length of 1000 mm
Length	[mm]	0 - 600 + 1,00 / - 0,00
	[mm]	601 - 1500 + 1,50 / - 0,00
	[mm]	1501 - 2500 + 2,50 / - 0,00
	[mm]	2501 - 3500 + 3,50 / - 0,00
Flatness	[%]	2 % of wavelength
Transversal Divergency	[mm]	1,5 (D1-D2)
		other tolerances on request

Protective Film

Protective Film Type	[-]	PE - Film
Protective Film Thickness	[µm]	50 - 60

The optical properties advised above are based on material thicknesses from 0,40 to 0,50 mm

¹ based on DIN EN 573-3 (Aluminium) resp. Rolling mill standard

² based on DIN EN 485-2 (Aluminium) resp. Rolling mill standard

