

Product data sheet



Product: 318G2
High specular

4700/0004/003/06.23

Alloy	¹	Al 99,85 (AL1085A2)* or Al 99,5/99,85 clad
Hardness	²	H18

Treatment front side	(S1)	brightened, anodised
Treatment reverse side	(S2)	anodised

Iridescence assessment (S1) controlled iridescence

Supply form		
max Width/Coil	[mm]	1250,00
Metal Thickness	[mm]	0,30/0,40/0,50/1,0

Optical Values			
Total light reflection	[%]	87±2	DIN 5036-3 (U-Globe) (8°)
Diffuse light reflection	[%]	8±3	DIN 5036-3 (U-Globe) (8°)

Mechanical Properties		
Tensile strength Rm	[MPa]	>125
Yield strength Rp 0,2	[MPa]	>105
Elongation at break A50	[%]	2

Tolerances		
Transversal Divergency		other tolerances on request
max Width/Coil	[mm]	+3,00 / - 0,00
Length	[mm]	0 - 600 + 1,00/-0,00
	[mm]	2500 - 3500 + 3,50/-0,00
	[mm]	1500 - 2500 + 2,50/-0,00
	[mm]	600 - 1500 + 1,50/-0,00
	[mm]	600 - 1500 + 1,50/-0,00
Flatness	[%]	12 % of wavelength, max. 8 mm
Metal Thickness	[mm]	0,30 - 0,50 ± 0,02
	[mm]	0,61 - 1,00 ± 0,06

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

*AL1085A2 according mill standard

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

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

