

Product data sheet



Product: 4300UP
MIRO® 3 UV - High Specular

4700/0051/009/09.23

Alloy	¹	AL 99,85 (1085A2)
Hardness	²	H18
Treatment front side	(S1)	brightened, anodised and PVD-coated
Treatment reverse side	(S2)	anodised
Coating system	(S1)	PVD - based on Al 99,99
Iridescence assessment	(S1)	absolutely free of interference colours

Supply form

		Coil, strip, sheet, blanks
Metal Thickness	[mm]	0,30 - 0,80
Width up to	[mm]	1250,00

Optical Values

Reflexion rate ³	[%]	90 ± 2,00	UV/Vis/NIR spectrometer
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Mechanical Properties

Tensile strength Rm	[MPa]	>125
Yield strength Rp 0,2	[MPa]	>105
Elongation at break A50	[%]	≥ 2
Bending radius		≥ 1,5 x gauge of material

Tolerances

Metal Thickness	[mm]	0,30 - 0,50 ± 0,04
	[mm]	0,51 - 0,60 ± 0,05
	[mm]	0,61 - 0,80 ± 0,06
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

³ Average reflectance [280-380nm]

*AL1085A2 according mill specification

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

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

