

Product data sheet



Product: 8516GP
MIRO® 85 - Micro-Mat

4700/0105/001/08.13

Alloy	¹	AlMg 1
Hardness	²	3/4 hard

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

Coating system	(S1)	PVD - based on Al 99,99
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Iridescence assessment	(S1)	absolutely free of interference colours
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Delivery options in form of		Coil, strip, sheet, blanks
Thickness from/to	[mm]	0,30 - 0,80
Width up to	[mm]	1250,00

Optical Values			
Total light reflection	[%]	93	DIN 5036-3 (U-Globe) (8°)
Reflectance class		A	

Mechanical Properties		
Yield strength Rp 0,2	[MPa]	120
Tensile strength Rm	[MPa]	150 - 190
Elongation A50	[%]	1
Deformation/Bending/Bending radius		1,5 x gauge of material

Tolerances		
Thickness from/to	[mm]	0,30 - 0,50 ± 0,04
	[mm]	0,51 - 0,60 ± 0,05
	[mm]	0,61 - 0,80 ± 0,06
Width/Coil up to	[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	[%]	1 % of wavelength, max. 8 mm
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), DIN EN 13599 (Copper) resp. Rolling mill standard

² based on DIN EN 485-2 (Aluminium), DIN EN 1652 (Copper) resp. Rolling mill standard

