

Product data sheet



Product: 9033GP
MIRO® 9
Hammered Patt. Medium Concave

4700/0114/001/08.13

Alloy	¹	Al 99,85
Hardness	²	hard
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

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

Optical Values

Total light reflection	[%]	≥ 94	DIN 5036-3 (U-Globe) (8°)
Reflectance class		A	DIN EN 16268

Mechanical Properties

Yield strength Rp 0,2	[MPa]	140 - 180
Tensile strength Rm	[MPa]	160 - 200
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	[%]	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

Mechanical values are before the dessin process

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

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

