

# Product data sheet



**Product:** 5120GP  
MIRO® 8 - Lumenal Mat

4700/0413/001/08.13

---

<b>Alloy</b>	<sup>1</sup>	Al 99,85
<b>Hardness</b>	<sup>2</sup>	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

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

---

## Optical Values

Total light reflection	[%]	≥ 94	DIN 5036-3 (U-Globe) (8°)
Diffuse light reflection	[%]	60 - 67	DIN 5036-3 (U-Globe) (8°)
Brightness 60° along	[-]	82 - 84	ISO 7668 (60°)
Brightness 60° across	[-]	82 - 84	ISO 7668 (60°)
Reflectance class		A	DIN EN 16268

---

## Mechanical Properties

Yield strength Rp 0,2	[MPa]	130 - 165
Tensile strength Rm	[MPa]	140 - 175
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

---

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

<sup>2</sup> based on DIN EN 485-2 (Aluminium) resp. Rolling mill standard



# Product data sheet



4700/0413/001/08.13

---

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

---

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

<sup>2</sup> based on DIN EN 485-2 (Aluminium) resp. Rolling mill standard

04.03.2025 10:52:59 Valid only on print date

