

# Product data sheet



Product: 2000GP  
MIRO® 20 - Scatter Gloss

4700/0296/002/05.23

---

Alloy	<sup>1</sup>	Al 99,85
Hardness	<sup>2</sup>	H16

---

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			
max Width/Coil	[mm]	1250,00	
Metal Thickness	[mm]	0,50/0,75	

---

Optical Values			
Total light reflection	[%]	>93,00	DIN 5036-3 (U-Globe) (8°)
Diffuse light reflection	[%]	>92,00	DIN 5036-3 (U-Globe) (8°)

---

Mechanical Properties			
Bending radius		1,5 x gauge of material	
Tensile strength Rm	[MPa]	>115	
Yield strength Rp 0,2	[MPa]	>100	
Elongation at break A50	[%]	1	

---

Tolerances			
Transversal Divergency	[mm]	1,5 (D1_D2)	other tolerances on request
Metal Thickness	[mm]	0,4 - 0,75 ± 0,03	
max Width/Coil	[mm]	+3,00 / - 0,00	
Width Slit Coil	[mm]	± 0,20 Standard	
Flatness	[%]	1 2 % of wavelength	
Longitudinal Curvature	[mm]	1,00 on a measuring length of 1000 mm	
Length	[mm]	1500 - 2500 + 2,50/-0,00	
	[mm]	0 - 600 + 1,00/-0,00	
	[mm]	600 - 1500 + 1,50/-0,00	
	[mm]	2500 - 3500 + 3,50/-0,00	

---

Protective Film			
Protective Film Thickness	[µm]	50 - 60	
Protective Film Type	[-]	PE - Film	

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

