Product data sheet

Product: 4400GP
MIRO® 4 - High Specular

4700/0058/004/12.25

Alloy	[1]	Al 99,85 (AL1085A2)* or Al 99,5/99,85 clad
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			
max Width/Coil	[mm]	1250,00	
Metal Thickness	[mm]	0,3/0,4/0,5/0,8	
Optical Values			
Diffuse light reflection	[%]	<12	DIN 5036-3 (U-Globe) (8°)
Total light reflection	[%]	>94	DIN 5036-3 (U-Globe) (8°)
Mechanical Properties			
Bending radius		≥ 1,5 x gauge of material	
Tensile strength Rm	[MPa]	>125	
Yield strength Rp 0,2	[MPa]	>105	
Elongation at break a50	[%]	≥ 1	
Tolerances			
Transversal Divergency	[mm]	≤ 1,5 (D1_D2) other tolerances on request	
max Width/Coil	[mm]	+3,00 / - 0,00	
Width Slit Coil	[mm]	± 0,20 Standard	
Metal Thickness	[mm]	0,30 - 0,80 ± 0,03	
Flatness	[%]	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	
Optical Values			
Colour value b*	[-]	0,0 up to 2,0	

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

* AL1085A2 in line with mill specification

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

[2] Alloy in accordance to DIN EN 10088

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