Product data sheet

Product: 1095AG
MIRO® high reflective 95

4700/0259/002/03.22

Alloy	[1]	Al 99,85 or Al 99,5/99,85 clad
Hardness	[2]	hard

Treatment front side	(S1)	brightened, anodised and PVD-coated
Treatment reverse side	(S2)	anodised
Coating system	(S1)	PVD - based on AG 99,95
Iridescence assessment	(S1)	absolutely free of interference colours

Supply form		
		Coil, strip, sheet, blanks
Metal Thickness	[mm]	0,4-0,5
Width up to	[mm]	1250,00

Optical Values		
hemispheric solar reflectance	[%]	95 ± 2
diffuse solar reflection	[%]	5 ± 2

Mechanical Properties		
Tensile strength Rm	[MPa]	>100
Yield strength Rp 0,2	[MPa]	>90
Elongation at break A50	[%]	≥ 2
Bending radius		2.00 - 10.00

Tolerances		
Metal Thickness	[mm]	0,04- 0,50 ± 0,04
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	[%]	2 % of wavelength
Transversal Divergency	[mm]	≤ 1,5 (D1-D2)
		other tolerances on request

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

diffuse and hemispheric Refection is measured according
https://www.solarpaces.org/wp-content/uploads/202004_SolarPACES-Reflectance-Guidelines-V3.1.pdf

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

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

04.03.2025 10:17:04 Valid only on print date