

Product data sheet



Product: 4270AG GL
MIRO-SILVER® 27 for Grow Light
High Specular

4700/1301/001/11.21

Additional information 4270AGGL

Alloy ¹ Al 99,85
Hardness ² H46

Treatment front side (S1) brightened, anodised, PVD-coated and lacquered
Treatment reverse side (S2) anodised

Coating system (S1) PVD AG 99,95 + protective lacquer

Supply form

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

Optical Values

Total light reflection [%] 98 ± 2 DIN 5036-3 (U-Globe) (8°)
Diffuse light reflection [%] 12 ± 3 DIN 5036-3 (U-Globe) (8°)

Mechanical Properties

Yield strength Rp 0,2 [MPa] 100-170
Tensile strength Rm [MPa] 110-180
Elongation at break A50 [%] ≥ 2
Bending radius ≥ 1,5 x gauge of material

Tolerances

Metal Thickness [mm] ± 0,03
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 [%] 1,5 % 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

-provisional-

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

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

