

# Product data sheet



**Product:** 1700AGCOM4  
**MIRO-SILVER® CoM 4**  
**High Gloss – Chip on MIRO®**

4700/1180/009/02.24

**Additional information** MIRO-Silver® CoM features a reflection coefficient of up to 98 %, which significantly increases the efficiency of LED-modules.

**Alloy** <sup>1</sup> Al 99,85  
**Hardness** <sup>2</sup> H18

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

Coating system (S1) PVD - based on AG 99,95

**Environmental Resistance** Do not Plasma clean

## Supply form

Metal Thickness [mm] Coil, strip, sheet, blanks  
0.70  
Width up to [mm] 1250,00

## Optical Values

Total light reflection [%] 98,5 ± 0.50 DIN 5036-3 (U-Globe) (8°)  
Diffuse light reflection [%] ≤10.00 DIN 5036-3 (U-Globe) (8°)

## Mechanical Properties

Yield strength Rp 0,2 [MPa] ≥105.00  
Tensile strength Rm [MPa] ≥125.00  
Elongation at break A50 [%] ≥ 2  
Bending radius ≥ 1,5 x gauge of material

## Tolerances

Metal Thickness [mm] 0.70 -0.03/+0.02  
max Width/Coil [mm] +1,50 / -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

## Optical Values

Colour value b\* [-] -1 < b\* < 1

<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

