

# Product data sheet



Product: 1200GP HD  
MIRO® 12 HD

4700/0821/005/07.19

Alloy <sup>1</sup> AlMg 1  
Hardness <sup>2</sup> 1/2 hard

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

Coating system (S1) PVD - based on Al 99,99

## Supply form

Metal Thickness [mm] Coil, strip, sheet, blanks 0.40 - 0.80  
Width up to [mm] 1250,00

## Optical Values

Total light reflection [%] 93 DIN 5036-3 (U-Globe) (8°)  
Diffuse light reflection [%] 93 DIN 5036-3 (U-Globe) (8°)  
Brightness 60° along [-] 5 - 15 ISO 7668 (60°)  
Brightness 60° across [-] 5 - 15 ISO 7668 (60°)  
Reflectance class B DIN EN 16268

## Mechanical Properties

Yield strength Rp 0,2 [MPa] 150 - 175  
Tensile strength Rm [MPa] 160 - 185  
Elongation at break A50 [%] 2  
Bending radius 1,5 x gauge of material

## Tolerances

Metal Thickness [mm] 0.40 - 0.50 ± 0.04  
[mm] 0,51 - 0,60 ± 0,05  
[mm] 0.61 - 0.80 ± 0.06  
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 % 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  
The optical properties advised above are based on material thicknesses  
0,40 and 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

