

Product Data Sheet



alanod

ALANOD Aluminium
Veredlung GmbH u. Co. KG

8516GP / 04

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8516GP

MIRO - Micro mat

Quality: --

Additional Information

Availability

Thickness from to [mm] 0,30 - 0,80
max. width [mm] 1250,00

Alloy:¹ Al Mg1

Hardness:² 3/4 hard

Mechanical Properties:

Tensile strength [MPa] 150 - 190

Yield strength [MPa] > 120

Elongation (A50) [%] ≥ 1

Deformation/Bending: bending radius ≥ 1,5 x gauge of material

Treatment Front: (S1) electrolytically brightened anodized and PVD coated

PVD Coating (S1) PVD Al 99,99

Iridescent colours (S1) absolutly colourfree

Tolerances

Gauge: Coil, strip, sheet, blanks
[mm] 0,30 - 0,50 ± 0,04 0,61 - 0,80 ± 0,06

[mm] 0,51 - 0,60 ± 0,05

Width/Coil: [mm] +3,00 /-0.00

Width Slit Coil: [mm] ±0,20 Standard ±0,05 Special

Longitudinal Curvature: [mm] ≤ 1,00 on a measuring length of 1000mm

Sheet: [mm] 0 - 600 +1,0/-0.00

[mm] 600 - 1500 +1,5/-0.00

[mm] 1500 - 2500 +2,5/-0.00

[mm] 2500 - 3500 +3,5/-0.00

Flatness: 1% of wavelength maximum 8 [mm]

Transversal divergency: [mm] ≤ 1,50 (D1-D2)

Optical Properties:

Total light reflection: (S1) [%] ≥ 93 DIN 5036-3 (U-Globe)

Total light reflection: (S1) [%] ≥ 93 ASTM E-1651 (TR-2)

Brightness along: [] 34 - 40 ISO 7668 (60° / calibrated 91.8)

across: [] 30 - 36 ISO 7668 (60° / calibrated 91.8)

Protective Film: PE - Foil
gauge 50 - 60 µm

Characteristic:

¹ acc. to DIN EN 573-3/Millsnorm/Other

² acc. to DIN EN 485-2/Millsnorm/Other