

Product data sheet



Product: DP12
DECO PRIME® ELOX
Matt 12

4700/0244/004/08.22

Additional information With our DECO PRIME® product range we offer you a production-ready portfolio that allows modular product design.

Alloy ¹ AlMg 1
Hardness ² 1/2 hard

Treatment front side (S1) etched, anodised
Treatment reverse side (S2) anodised

Iridescence assessment (S1) controlled iridescence

Supply form

Metal Thickness [mm] Coil, strip, sheet, blanks
0,30 - 1,20
Width up to [mm] 1250,00

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] 0,30 - 0,50 ± 0,04
[mm] 0,51 - 0,60 ± 0,05
[mm] 0,61 - 1,00 ± 0,06
[mm] 1,01 - 1,20 ± 0,07
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

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

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

