

Product data sheet



Product: 33PKG
Hammered Pattern
Medium Concave

4700/0022/002/03.14

Alloy	¹	Al 99,85
Hardness	²	hard

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

Iridescence assessment (S1) controlled iridescence

Supply form

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

Optical Values

Total light reflection	[%]	≥ 86	DIN 5036-3 (U-Globe) (8°)
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Mechanical Properties

Yield strength Rp 0,2	[MPa]	140 - 180
Tensile strength Rm	[MPa]	160 - 200
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]	+ 3,00 / - 0,00
	[mm]	± 0,20 standard
max Width/Coil	[mm]	± 0,20 standard
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
	[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

Mechanical values are before the dessin proces

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

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

