

Product data sheet



Product: DP36
DECO PRIME® ELOX
Gloss Mirror 36

4700/0650/004/01.23

Alloy	¹	Al 99,85 Mg1
Hardness	²	H26

Treatment front side	(S1)	brightened, anodised / Surface compressed
Treatment reverse side	(S2)	anodised

Iridescence assessment (S1) no demand for iridescence

Supply form

Metal Thickness	[mm]	Coil, strip, sheet, blanks 0,50 - 0,80
Width up to	[mm]	1250,00

Mechanical Properties

Yield strength Rp 0,2	[MPa]	130 - 170
Tensile strength Rm	[MPa]	150 - 195
Elongation at break A50	[%]	6
Bending radius		1,5 x gauge of material

Tolerances

Metal Thickness	[mm]	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	[%]	2 % of wavelength
Transversal Divergency	[mm]	1,5 (D1-D2)

Protective Film

Protective Film Type	[-]	PE - Film
Protective Film Thickness	[µm]	50 - 60

Oxide Layer

anodised layer thickness front side	[µm]	1,1 ± 0,4
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¹ based on DIN EN 573-3 (Aluminium) resp. Rolling mill standard

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

