

Product data sheet



Product: DP20
DECO PRIME® ELOX

4700/0485/003/02.24

Alloy	¹	AL 99,85 (1085A2)
Hardness	²	H16

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

Iridescence assessment (S1) no demand for iridescence

Supply form		
max Width/Coil	[mm]	1250,00
Metal Thickness	[mm]	0,50/0,50/0,75

Mechanical Properties		
Bending radius		1,5 x gauge of material
Tensile strength Rm	[MPa]	>115
Yield strength Rp 0,2	[MPa]	>95
Elongation at break A50	[%]	1

Tolerances		
Flatness	[%]	<2 % of wavelength
max Width/Coil	[mm]	+3,00 / - 0,00
Width Slit Coil	[mm]	± 0,20 Standard
Metal Thickness	[mm]	0,40 - 0,75 ± 0,04
Length	[mm]	0 - 600 + 1,00/-0,00
	[mm]	600 - 1500 + 1,50/-0,00
	[mm]	1500 - 2500 + 2,50/-0,00
	[mm]	2500 - 3500 + 3,50/-0,00

Optical Values			
Diffuse light reflection	[%]	>84	DIN 5036-3 (U-Globe) (8°)
Total light reflection	[%]	>85	DIN 5036-3 (U-Globe) (8°)

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

*AL1085A2 according mill standard

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

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

