

Product data sheet



Product: DP711
DECO PRIME® ELOX
Shortline Brushed 711

4700/1107/001/03.17

| | | |
|----------|--------------|----------|
| Alloy | ¹ | AlMg 1 |
| Hardness | ² | 3/4 hard |

| | | |
|------------------------|------|----------|
| Treatment front side | (S1) | anodised |
| Treatment reverse side | (S2) | anodised |

Supply form

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

Mechanical Properties

| | | |
|-------------------------|-------|-------------------------|
| Tensile strength Rm | [MPa] | 175 - 205 |
| Yield strength Rp 0,2 | [MPa] | 155 |
| Elongation at break A50 | [%] | 1 |
| 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

