

# Product data sheet

350G

**Product** Eloxal, Extra Bright Rolled, reflection



**Delivery options** Coil, strip, sheet, blanks

Thickness of up [mm] 0,30 - 1,20

Width of up to max [mm] 1250,00

## Optical Properties

Total light reflection<sup>1</sup> [%]  $\geq 86$

Diffuse light reflection [%]  $< 20$

Total light reflection<sup>2</sup> [%]  $\geq 86$

Brightness<sup>3</sup> along 78

across 75

## Front (S1)

## Rear (S2)

## Surface Properties

Treatment (S1) brightened, anodised

Treatment (S2) anodised

**Material / Alloy**<sup>5</sup> AL 99.85

**Hardness**<sup>6</sup> Hard

## Mechanical Properties

Tensile strength [MPa] 160 - 200

Yield strength [MPa] 140 - 180

Elongation (A50) [%]  $\geq 2$

Deformation / Bending [Bending radius]  $\geq 1,5 \times$  gauge of material

## Tolerances

Gauge [mm] 0,20 - 0,50  $\pm 0,04$  0,61 - 1,00  $\pm 0,06$

[mm] 0,51 - 0,60  $\pm 0,05$  1,01 - 1,20  $\pm 0,07$

Width / Coil [mm] + 3,00 / - 0,00

Width Slit Coil [mm]  $\pm 0,20$  Standard  $\pm 0,05$  Special

Longitudinal Curvature [mm]  $\leq 1,00$  on a measuring length of 1000 mm

Sheet [mm] 0,00 - 600,00 + 1,00 - 0,00 1501,00 - 2500,00 + 2,50 - 0,00

[mm] 601,00 - 1500,00 + 1,50 - 0,00 2501,00 - 3500,00 + 3,50 - 0,00

Transversal divergency [mm]  $\leq 1,50$  (D1-D2)

## PE-Film

Protective film

50-60  $\mu\text{m}$

<sup>1</sup>DIN 5036-3 (U-Globe)

<sup>3</sup>ISO 7688 (60° / calibrated 91.8)

<sup>5</sup>acc. to DIN EN 573-3/Millsnorm/Other

<sup>2</sup>ASTM E-1651 (TR-2)

<sup>4</sup>ASTM E-430 (Hunter Dorigon, Tricolor DOI Hazemeter)

<sup>6</sup>acc. to DIN EN 485-2 / Millsnorm / Other