

TECHNICAL DATA SHEET

EXTRUDED A-PET / PETG SHEETS

Dimensional tolerances for LUMEX® sheets

1. Tolerances of thicknesses

Thickness	Tolerance	Minimum thickness	Maximum thickness
0.5mm	0.05mm	0.45mm	0.55mm
0.8 mm	0.08 mm	0.72 mm	0.88 mm
1.0 mm	0.10 mm	0.90 mm	1.10 mm
1.5 mm	0.15 mm	1.35 mm	1.65 mm
2.0 mm	0.12 mm	1.88 mm	2.12 mm
3.0 mm	0.18 mm	2.82 mm	3.18 mm
4.0 mm	0.20 mm	3.80 mm	4.20 mm
5.0 mm	0.25 mm	4.75 mm	5.25 mm
6.0 mm	0.30 mm	5.70 mm	6.30 mm
8.0 mm	0.40 mm	7.60 mm	8.40 mm
10.0 mm	0.50 mm	9.50 mm	10.50 mm

2. Tolerances of widths and lengths

Size	Tolerances of width	Tolerances of length
Standard sizes	-0 / +3 mm	-0 / +5 mm
Special sizes cut on extruder	-0 / +3 mm	-0 / +5 mm
Special sizes cut-to-size	-0 / +2 mm	-0 / + 2mm

3. Tolerance of squareness

Definitions :

S1 is parallel to S2

D1 is at most D2 +5mm

Size	Maximum angle Error (Emax)
Standard sizes	2.50mm
Special sizes extruder	2.50mm
Cut-to-size	1.25mm

