

## Physical Properties

### Physical properties

Manufactured Tolerances	Low Profile	Flat Sheet
Length	-0 mm + 0.8% of the stated length	-+/- 1% of the stated length
Width	+/- 0.8% of the stated length	+/- 2mm
Squareness	When a rectangular frame is placed at the end of the sheet, the variation from corner to corner shall not exceed 1mm in 100mm	
Fire Performance	Tested to BS476 Part 7 Class 3 (available in class 0/1)	
Operating Temperatures	-20°C to +55°C	
Barcol hardness	40 min	
Effects of Sunlight	The product is UV stable	
Nominal Panel Weight (kg/m <sup>2</sup> )	LOW PROFILE SHEET - 3.5	STANDARD SHEET - 7.6g
Nominal thickness (mm)	1.2 max	3.2 min
% Glass Content	30	35

### Polyester resins

Manufactured Tolerances	Unsaturated isophthalic polyester
Monomer content	43%
Viscosity at 25°C	4.5dPas
Gel time	12 mins
Heat deflection temp	90°
Flexural strength	100MPa
Tensile strength	65Mpa
Elongation	1.3%
Barcol hardness	45 - 50