



FIBERLINE
BUILDING PROFILES

General properties for P2600

FIBERLINE DATASHEET

Pultruded glassfibre reinforced polyester profile

Mechanical properties

Glass weight	60% ± 5		
Density	1,75 ± 0,05 g/cm ³		
Base colour	White		
Property	Standard	Unit	P2600
Tensile strength			
0°	ISO 527	Mpa	> 250
90°	ISO 527	Mpa	> 65
Tensile stiffness			
0°	ISO 527	Mpa	> 22000
90°	ISO 527	Mpa	> 8000
Poisson ratio			
v12/v13	ISO 527	mm/mm	0,29
v21	ISO 527	mm/mm	0,11
Screw outpull	DS/EN 320	kN/5mm	>2
Water absorption			
24h	EN/ISO 62	%	< 4
Saturated	En/ISO 63	%	4,7

All measurements are related to a standard 3,0 mm strip profile.

Thermal properties

Property	Standard	Unit	P2600
Thermal conductivity			
90°	DIN EN 821	W/mK	0,3
0°	DIN EN 821	W/mK	0,36
Coefficient of thermal expansion			
0°	ASTM C 177	10 ⁻⁶ K ⁻¹	8-14
90°	ASTM C 177	10 ⁻⁶ K ⁻¹	16-22
Service temperature		Celsius	- 40 to + 80

All measurements conducted according to DIN EN 821 have been done by Nanoflash method.
Calibration according to EN 12 667 on P2600 specimen.