

TECHNICAL SHEET

VETROSHIELD – G600

Rev.02 of 03/03/2025

FIBREGLASS REINFORCED PLASTIC
FOR HIGH HYGIENE APPLICATIONS



Product code	Composition	Nominal thickness
G600	MAT	1,9 ± 0,2 mm

Mechanical properties

	Testing Method	Unit of measure	Technical data
Glass content		%	25 ± 2
Barcol hardness	ASTM D 2583	°Barcol	50 - 55
Tensile strenght	ISO 527-4	MPa	72
Tensile modulus	ISO 527-4	GPa	6,1
Elongation at break	ISO 527-4	%	1,5
Weight		Kg/m ²	2,4
Density		g/cm ³	1,4
Thermal expansion		10 ⁻⁵ /°K	2,4 – 2,8

The results of mechanical tests on composite materials typically exhibit some scatter; for this reason, the data here indicated must be considered only as a guide.