

TECHNICAL DATA SHEET

Wood fiber and short glass fiber reinforced polypropylene sheets

Property / Unit	Fibropan / A1 (Short Wood Fiber)	Fibropan / B (Short Wood Fiber)	Fibropan / G (Short Glass Fiber)
Density g/cm ³	1.06-1.10	1.08-1.12	1.30-1.35
Tensile strength MPa	L ≥20 T ≥15	L ≥20 T ≥15	L ≥60 T ≥40
Flexural modulus MPa	L ≥3000 T ≥2200	L ≥3500 T ≥2700	L ≥8500 T ≥3500
Flexural strength MPa	L ≥35 T ≥28	L ≥40 T ≥30	L ≥100 T ≥50
Charpy impact resistance J/cm ²	L ≥1.2 T ≥0.9	L ≥1.0* T ≥0.8*	L ≥2.5 T ≥2.0
Shrinkage %	L 0.5 T 0.9	L 0.5 T 0.9	L 0.2-0.3 T 0.4-0.5
Burning test ISO 3795-1989	Class B	Class B	Class B
Burning rate mm/min	<100	<100	≤100
Heavy metal test ELV · Cd / Cr(VI) / Pb / Hg	ND	ND	ND

Reference methods: FIAT/FCA 9.55359/02 (mechanical properties); ISO 3795-1989 / DIN 75200 (burning); ELV testing (heavy metals).

L: longitudinal · T: transverse · ND: not detected (catalog-reported). Mechanical values are reference specification limits; shrinkage, Class B and ND are retained catalog data.

*Charpy specimen for Fibropan / B: A = 127 mm, B = 95 mm, width = 12.7 mm. G shrinkage: post-moulding reference values.