

Polypropylene based cellulose reinforced composite material

PHYSICAL PROPERTIES	test method	unit	
melt index	ISO 1133	g/10 min	N/A
density	ISO 2781	g/cm ³	1,15
MECHANICAL PROPERTIES			
tensile modulus	ISO 527	GPa	5
tensile strength @ break	ISO 527	MPa	52,3
elongation @ break	ISO 531	%	1,4
flexural modulus	ISO 178	GPa	5
max flexural strength	ISO 178	MPa	95,7
Charpy impact strength (un-notched)	ISO 179	kJ/m ²	16,7
Charpy impact strength (notched)	ISO 180	kJ/m ²	2,4

Values are typical and should not be interpreted as specifications.

They are average values, without obligation on our part. We reserve the right of modification without notice.

PROCESSING	
Injection molding	
drying	4h/ 100°C-110°C
melt temperature	170°C 200°C
mould temperature	30°C 90°C