

**Polypropylene based cellulose reinforced composite material**

<b>PHYSICAL PROPERTIES</b>	test method	unit	
melt index	ISO 1133	g/10 min	N/A
density	ISO 2781	g/cm <sup>3</sup>	1,21
<b>MECHANICAL PROPERTIES</b>			
tensile modulus	ISO 527	GPa	6,4
tensile strength @ break	ISO 527	MPa	36,3
elongation @ break	ISO 531	%	0,8
flexural modulus	ISO 178	GPa	7,3
max flexural strength	ISO 178	MPa	74,4
Charpy impact strength (un-notched)	ISO 179	kJ/m <sup>2</sup>	8,5
Charpy impact strength (notched)	ISO 180	kJ/m <sup>2</sup>	1,8

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.

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