

## Material Data Sheet

GC green 71 MI T30

Biobased Compound

GC green 71 MI T30 is a partially biobased degradable polyester with excellent properties that are particularly suitable for injection moulding. It is appropriate for food contact.

### Mechanical Properties

<i>Property</i>	<i>Norm</i>	<i>Units</i>	<i>Value</i>
Density	ISO 1183	g/cm <sup>3</sup>	1.49
MVR	ISO 1133 (190 °C/5 kg)	cm <sup>3</sup> /10 min	11.1
E-Modulus	ISO 527	MPa	2200
Tensile Strength	ISO 527	MPa	32
Elongation at break	ISO 527	%	7.8
Charpy unnotched <sub>23 °C</sub>	ISO 179/1eU	kJ/m <sup>2</sup>	39.8
Charpy notched <sub>23 °C</sub>	ISO 179/1eA	kJ/m <sup>2</sup>	4.6

### Processing Guidelines

Melt Temperature	°C	120 - 190
Mold Temperature	°C	20 - 60
Drying Temperature	°C	80
Drying Time	h	4
Maximum Moisture Content	%	0.04