

Technical Data Sheet [TDS]

PP Copolymer Dinaplen 10% Glass fibre Natural

Reference: PPC1S07 G10-0007

Properties	Unit	Method	Value d.a.m.
Physical			
Relative density	g/cm ³	ISO 1183	1.03
Mechanical			
Tensile modulus (1 mm/min)	MPa	ISO 527	1800
Stress at yield (5 mm/min)	MPa	ISO 527	27
Strain at break (5 mm/min)	%	ISO 527	5.5
Flexural modulus (2 mm/min)	MPa	ISO 178	1400
Flexural strength (2 mm/min)	MPa	ISO 178	37
Charpy notched impact strength (23°C)	kJ/m ²	ISO 179/1cA	20
Charpy unnotched impact strength (23°C)	kJ/m ²	ISO 179/1eU	41
Rheological			
Melt flow index M.F.I. (230°C, 2.16 kg)	g/10 min	ISO 1133	7
Thermal			
Heat deflection temperature HDT (1.80MPa)	°C	ISO 75-A	80
Processing			
Melt temperature range	°C	-	190-240
Recommended mould temperature	°C	-	25-65

The data submitted here are, to the best of Grupo Repol's knowledge, representative of the range of properties for the listed products, but should not be used to establish process limits or used as the direct basis of design. Colorants or other additives may alter these properties. The data are given for natural grade unless otherwise specified.

Last update: 03/ 2009

