

Technical Data Sheet [TDS]

PP copolymer Dinaplen 30% Glass fibre Natural

Reference: PPC1S15 G30-0007

Properties	Unit	Method	Value d.a.m.
Physical			
Relative density	g/cm ³	ISO 1183	1.11
Mechanical			
Tensile modulus (1 mm/min)	MPa	ISO 527	6600
Stress at yield (5 mm/min)	MPa	ISO 527	66
Strain at break (5 mm/min)	%	ISO 527	3,5
Flexural strength (2 mm/min)	MPa	ISO 178	110
Charpy notched impact strength (23°C)	kJ/m ²	ISO 179/1 eA	16
Charpy unnotched impact strength (23°C)	kJ/m ²	ISO 179/1 eU	55
Rheological			
Melt flow index M.F.I. (230°C, 2.16 kg)	g/10 min	ISO 1133	15
Thermal			
Heat deflection temperature HDT (1.80 MPa)	°C	ISO 75-A	145
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: 02/ 2014

