


TECHNICAL DATA SHEET [TDS]
PP Dinaplen
REFERENCE: PPC1S20 G15-0007
PRODUCT DESCRIPTION

PP Copolymer Dinaplen, 15% Glass fibre, Natural

PROPERTIES	UNITS	METHOD	VALUE D.A.M
Physical			
Relative density	g/cm ³	ISO 1183	1.01
Mechanical			
Tensile modulus (1 mm/min)	MPa	ISO 527	3800
Stress at break (5 mm/min)	MPa	ISO 527	55
Strain at break (5 mm/min)	%	ISO 527	3,3
Flexural strength (2 mm/min)	MPa	ISO 178	78
Charpy notched impact strength (23°C)	kJ/m ²	ISO 179/1eA	12
Charpy unnotched impact strength (23°C)	kJ/m ²	ISO 179/1eU	40
Rheological			
Melt flow index M.F.I. (230°C, 2.16 kg)	g/10 min	ISO 1133	18
Thermal			
Heat deflection temperature HDT (1.80 MPa)	°C	ISO 75-A	136
Processing			
Melt temperature range	°C	-	190-240
Recommended mould temperature	°C	-	25-65

UPDATE DATE

feb.-2018

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.

