


TECHNICAL DATA SHEET [TDS]
PP Dinaplen
REFERENCE: PPC2S20 G30-4185
PRODUCT DESCRIPTION

PP Copolymer Dinaplen, 30% Glass fibre, Black

PROPERTIES	UNITS	METHOD	VALUE D.A.M
Physical			
Relative density	g/cm ³	ISO 1183	1,14
Ash content	%	ISO 3451	30
Mechanical			
Tensile modulus (1 mm/min)	MPa	ISO 527	3600
Stress at break (5 mm/min)	MPa	ISO 527	50
Strain at break (5 mm/min)	%	ISO 527	3.1
Flexural modulus (2 mm/min)	MPa	ISO 178	3450
Flexural strength (2 mm/min)	MPa	ISO 178	80
Charpy notched impact strength (23°C)	kJ/m ²	ISO 179/1eA	8
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	25
Thermal			
Heat deflection temperature HDT (1.80 MPa)	°C	ISO 75-A	122
Processing			
Melt temperature range	°C	-	210-240
Recommended mould temperature	°C	-	60-75

UPDATE DATE

oct.-2017

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.

