


TECHNICAL DATA SHEET [TDS]
PP Dinaplen
REFERENCE: PPC1S15 G30 H-4137
PRODUCT DESCRIPTION

PP Copolymer Dinaplen, 30% Glass fibre, Heat stabilized, Black

PROPERTIES	UNITS	METHOD	VALUE D.A.M
Physical			
Relative density	g/cm ³	ISO 1183	1,16
Mechanical			
Tensile modulus (1 mm/min)	MPa	ISO 527	5900
Tensile Stress at break (5mm/min)	Mpa	ISO 527	60
Strain at break (5 mm/min)	%	ISO 527	2,5
Flexural modulus (2 mm/min)	MPa	ISO 178	6100
Flexural strength (2 mm/min)	MPa	ISO 178	95
Charpy notched impact strength (23°C)	kJ/m ²	ISO 179/1eA	7
Charpy unnotched impact strength (23°C)	kJ/m ²	ISO 179/1eU	30
Rheological			
Melt flow index M.F.I. (230°C, 2.16 kg)	g/10 min	ISO 1133	11
Thermal			
Heat deflection temperature HDT (1.80MPa)	°C	ISO 75-A	140
Burning rate	mm/min	ISO 3795	<100
Processing			
Melt temperature range	°C	-	190-240
Recommended mould temperature	°C	-	25-65

UPDATE DATE

nov.-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.

