



TECHNICAL DATA SHEET [TDS]

REFERENCE: PPH1X10 G30-4137

PRODUCT DESCRIPTION

PP homopolymer Dinaplen, 30% Glass fibre, creep resistance, Black

PROPERTIES	UNITS	METHOD	VALUE D.A.M
Physical			
Relative density	g/cm ³	ISO 1183	1.11
Mechanical			
Tensile modulus (1 mm/min)	MPa	ISO 527	8000
Stress at yield (5 mm/min)	MPa	ISO 527	95
Strain at break (5 mm/min)	%	ISO 527	2,7
Flexural strength (2 mm/min)	MPa	ISO 178	150
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	60
Rheological			
Melt flow index M.F.I. (230°C, 2.16 kg)	g/10 min	ISO 1133	3
Thermal			
Heat deflection temperature HDT (1.80MPa)	°C	ISO 75-A	155
Processing			
Melt temperature range	°C	-	190-240
Recommended mould temperature	°C	-	40-85

UPDATE DATE

abr.-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.

