


TECHNICAL DATA SHEET [TDS]
PP Dinaplen
REFERENCE: PPH3S50 G30-4239
PRODUCT DESCRIPTION

PP Homopolymer Dinaplen, 30% Glass fibre, Black

PROPERTIES	UNITS	METHOD	VALUE D.A.M
Physical			
Relative density	g/cm ³	ISO 1183	1.12
Mechanical			
Tensile modulus (1 mm/min)	MPa	ISO 527	7000
Stress at break (5 mm/min)	MPa	ISO 527	94
Strain at break (5 mm/min)	%	ISO 527	2.3
Flexural modulus (2 mm/min)	MPa	ISO 178	7300
Flexural strength (2 mm/min)	MPa	ISO 178	150
Charpy notched impact strength (23°C)	kJ/m ²	ISO 179/1eA	20
Charpy unnotched impact strength (23°C)	kJ/m ²	ISO 179/1eU	55
Thermal			
Heat deflection temperature HDT (1.80MPa)	°C	ISO 75-A	157

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.

