



TECHNICAL DATA SHEET [TDS]

PP Dinaplen

REFERENCE: PPH1S10 G30 UV-7429

PRODUCT DESCRIPTION

PP Homopolymer Dinaplen, 30% Glass fibre, UV stabilized, Grey

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	5900
Tensile Stress at yield (5mm/min)	Mpa	ISO 527	67
Strain at break (5 mm/min)	%	ISO 527	3,30
Flexural modulus (2 mm/min)	MPa	ISO 178	5900
Flexural strength (2 mm/min)	MPa	ISO 178	105
Charpy notched impact strength (23°C)	kJ/m ²	ISO 179/1eA	11
Charpy unnotched impact strength (23°C)	kJ/m ²	ISO 179/1eU	35
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	135
Processing			
Melt temperature range	°C	-	190-240
Recommended mould temperature	°C	-	25-65

UPDATE DATE

may.-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.

