



TECHNICAL DATA SHEET [TDS]

PP Dinaplen

REFERENCE: PPH3S50 G40-4239

PRODUCT DESCRIPTION

PP Homopolymer Dinaplen, 40% Glass fibre, Black

PROPERTIES	UNITS	METHOD	VALUE D.A.M
Physical			
Relative density	g/cm ³	ISO 1183	1,24
Mechanical			
Tensile modulus (1 mm/min)	MPa	ISO 527	>8000
Stress at yield (5 mm/min)	MPa	ISO 527	>90
Strain at break (5 mm/min)	%	ISO 527	2
Flexural strength (2 mm/min)	MPa	ISO 178	>155
Charpy notched impact strength (23°C)	kJ/m ²	ISO 179/1eA	20
Thermal			
Heat deflection temperature HDT (1.80 MPa)	°C	ISO 75-A	157
Flammability classification (1.6mm)	V0-V1-V2-HB	UL 94	HB
Burning rate	mm/min	ISO 3795	<100
Processing			
Melt temperature range	°C	-	200-235
Recommended mould temperature	°C	-	40-70

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.

