


TECHNICAL DATA SHEET [TDS]
PP Dinaplen
REFERENCE: PPH1S30 M103XV2-1014
PRODUCT DESCRIPTION

PP Homopolymer Dinaplen, 10% Mineral filler, V2 Halogenated, RAL 1014

PROPERTIES	UNITS	METHOD	VALUE D.A.M
Physical			
Relative density	g/cm ³	ISO 1183	1,01
Mechanical			
Tensile modulus (1 mm/min)	MPa	ISO 527	2000
Tensile Stress at yield (5mm/min)	Mpa	ISO 527	28
Strain at yield (5 mm/min)	%	ISO 527	6
Strain at break (50 mm/min)	%	ISO 527	27
Flexural modulus (2 mm/min)	MPa	ISO 178	1800
Flexural strength (2 mm/min)	MPa	ISO 178	46
Charpy notched impact strength (23°C)	kJ/m ²	ISO 179/1eA	3,5
Charpy unnotched impact strength (23°C)	kJ/m ²	ISO 179/1eU	50
Rheological			
Melt flow index M.F.I. (230°C, 2.16 kg)	g/10 min	ISO 1133	30
Thermal			
Heat deflection temperature HDT (1.80MPa)	°C	ISO 75-A	65
Flammability classification (1.6mm)	V0-V1-V2-HB	UL 94	V2

UPDATE DATE

jun.-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.





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PROPERTIES	UNITS	METHOD	VALUE D.A.M
Processing			
Melt temperature range	°C	-	195-225
Recommended mould temperature	°C	-	25-55

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