



TECHNICAL DATA SHEET [TDS]

PP Dinaplen

REFERENCE: PPC1S15 M203 UV-7232

PRODUCT DESCRIPTION

PP Copolymer Dinaplen, 20% Mineral filler, UV stabilized, Grey

PROPERTIES	UNITS	METHOD	VALUE D.A.M
Physical			
Relative density	g/cm ³	ISO 1183	1.06
Mechanical			
Tensile modulus (1 mm/min)	MPa	ISO 527	2000
Stress at break (5 mm/min)	MPa	ISO 527	18
Tensile Stress at yield (5mm/min)	Mpa	ISO 527	26
Tensile Strain at yield (5mm/min)	%	ISO 527	5,5
Strain at break (5 mm/min)	%	ISO 527	> 20
Flexural modulus (2 mm/min)	MPa	ISO 178	1900
Flexural strength (2 mm/min)	MPa	ISO 178	41
Charpy notched impact strength (23°C)	kJ/m ²	ISO 179/1eA	2
Charpy unnotched impact strength (23°C)	kJ/m ²	ISO 179/1eU	40
Rheological			
Melt flow index M.F.I. (230°C, 2.16 kg)	g/10 min	ISO 1133	15
Thermal			
Heat deflection temperature HDT (1.80MPa)	°C	ISO 75-A	63

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	-	185-240
Recommended mould temperature	°C	-	25-65

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