



TECHNICAL DATA SHEET [TDS]

PP Dinaplen

REFERENCE: PPC2X15 M153 Z-7354

PRODUCT DESCRIPTION

PP Copolymer Dinaplen, 15% Mineral filler, lightweight, Grey

PROPERTIES	UNITS	METHOD	VALUE D.A.M
Physical			
Relative density	g/cm ³	ISO 1183	0.72 - 0,78
Ash content	%	ISO 3451	15
Mechanical			
Tensile modulus (1 mm/min)	MPa	ISO 527	900
Tensile Stress at yield (5mm/min)	Mpa	ISO 527	12
Stress at break (5 mm/min)	MPa	ISO 527	9
Tensile Strain at yield (5mm/min)	%	ISO 527	5
Strain at break (5 mm/min)	%	ISO 527	> 10
Flexural modulus (2 mm/min)	MPa	ISO 178	1100
Flexural strength (2 mm/min)	MPa	ISO 178	23
Charpy notched impact strength (23°C)	kJ/m ²	ISO 179/1eA	21
Charpy unnotched impact strength (23°C)	kJ/m ²	ISO 179/1eU	NB
Rheological			
Melt flow index M.F.I. (230°C, 2.16 kg)	g/10 min	ISO 1133	10
Thermal			
Heat deflection temperature HDT (1.80MPa)	°C	ISO 75-A	> 40

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	-	190-220
Recommended mould temperature	°C	-	25-65

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