


TECHNICAL DATA SHEET [TDS]
PP Dinaplen
REFERENCE: PPC1S15-7340
PRODUCT DESCRIPTION

PP Copolymer Dinaplen, Grey

PROPERTIES	UNITS	METHOD	VALUE D.A.M
Physical			
Relative density	g/cm ³	ISO 1183	0.94
Mechanical			
Tensile modulus (1 mm/min)	MPa	ISO 527	1350
Stress at yield (50 mm/min)	MPa	ISO 527	23
Strain at break (50 mm/min)	%	ISO 527	>10
Flexural strength (2 mm/min)	MPa	ISO 178	31
Charpy notched impact strength (23°C)	kJ/m ²	ISO 179/1eA	7
Rheological			
Melt flow index M.F.I. (230°C, 2.16 kg)	g/10 min	ISO 1133	13
Thermal			
Heat deflection temperature HDT (0.45 MPa)	°C	ISO 75-B	57
VICAT softening temperature	°C	ISO 306-B50	68
Processing			
Melt temperature range	°C	-	175-210
Recommended mould temperature	°C	-	10 - 40

UPDATE DATE

abr.-2015

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.

