


TECHNICAL DATA SHEET [TDS]
PP Dinaplen
REFERENCE: PPC1S02 V2-7388
PRODUCT DESCRIPTION

PP Copolymer Dinaplen, V2 Halogen free, 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	1400
Tensile Stress at yield (50mm/min)	Mpa	ISO 527	25
Strain at yield (50 mm/min)	%	ISO 527	6,3
Strain at break (50 mm/min)	%	ISO 527	>30
Flexural strength (2 mm/min)	MPa	ISO 178	32
Charpy notched impact strength (23°C)	kJ/m ²	ISO 179/1eA	50
Rheological			
Melt flow index M.F.I. (230°C, 2.16 kg)	g/10 min	ISO 1133	2,5
Thermal			
Heat deflection temperature HDT (1.80 MPa)	°C	ISO 75-A	>50
Flammability classification (1.6mm)	V0-V1-V2-HB	UL 94	V2
Burning rate	mm/min	ISO 3795	<100
Processing			
Melt temperature range	°C	-	175 - 210

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.

