


TECHNICAL DATA SHEET [TDS]
PC Dinaxan
REFERENCE: PC1S10 G10V0 H-4287
PRODUCT DESCRIPTION

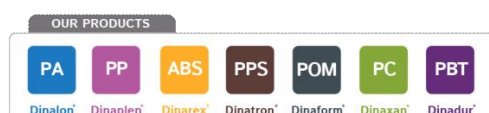
PC Dinaxan, 10% Glass fibre, V0 Halogen free, Heat stabilized, Black

PROPERTIES	UNITS	METHOD	VALUE D.A.M
Physical			
Relative density	g/cm ³	ISO 1183	1,26
Mechanical			
Tensile modulus (1 mm/min)	MPa	ISO 527	3800
Tensile Stress at yield (5mm/min)	Mpa	ISO 527	75
Strain at break (5 mm/min)	%	ISO 527	4,1
Flexural modulus (2 mm/min)	MPa	ISO 178	3600
Flexural strength (2 mm/min)	MPa	ISO 178	130
Charpy notched impact strength (23°C)	kJ/m ²	ISO 179/1eA	6
Charpy unnotched impact strength (23°C)	kJ/m ²	ISO 179/1eU	60
Rheological			
Melt flow index M.F.I. (300°C, 1.2 kg)	g/10min	ISO 1133	12
Thermal			
VICAT softening temperature	°C	ISO 306-B50	140
Flammability classification (1.6mm)	V0-V1-V2-HB	UL 94	V0

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	-	280 - 320
Recommended mould temperature	°C	-	85 - 120
Drying temperature	°C	-	120
Drying time	h	-	4

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