


TECHNICAL DATA SHEET [TDS]
PC Dinaxan
REFERENCE: PC1X20-4378
PRODUCT DESCRIPTION

PC Dinaxan, Matt effect, Black

PROPERTIES	UNITS	METHOD	VALUE D.A.M
Physical			
Relative density	g/cm ³	ISO 1183	1.19
Humidity	%	ISO 15512-B	< 0.25
Mechanical			
Tensile modulus (1 mm/min)	MPa	ISO 527	2500
Stress at break (50 mm/min)	MPa	ISO 527	58
Strain at break (50 mm/min)	%	ISO 527	3.7
Flexural modulus (2 mm/min)	MPa	ISO 178	2600
Flexural strength (2 mm/min)	MPa	ISO 178	100
Charpy notched impact strength (23°C)	kJ/m ²	ISO 179/1eA	24
Charpy unnotched impact strength (23°C)	kJ/m ²	ISO 179/1eU	NB
Rheological			
Melt flow index M.F.I. (300°C, 1.2 kg)	g/10min	ISO 1133	40
Thermal			
VICAT softening temperature	°C	ISO 306-B50	135
Flammability classification (1.6mm)	V0-V1-V2-HB	UL 94	HB

UPDATE DATE

nov.-2017

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.




TECHNICAL DATA SHEET [TDS]
PC Dinaxan
REFERENCE: PC1X20-4378
PRODUCT DESCRIPTION

PC Dinaxan, Matt effect, Black

PROPERTIES	UNITS	METHOD	VALUE D.A.M
Processing			
Melt temperature range	°C	-	270-300
Recommended mould temperature	°C	-	80-100
Drying temperature	°C	-	120
Drying time	h	-	4

UPDATE DATE

nov.-2017

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.

