


TECHNICAL DATA SHEET [TDS]
PC Dinaxan
REFERENCE: PC1S25 V0 UV-9233
PRODUCT DESCRIPTION

PC Dinaxan, V0 Halogen free, UV stabilized, White

PROPERTIES	UNITS	METHOD	VALUE D.A.M
Physical			
Relative density	g/cm ³	ISO 1183	1.21
Mechanical			
Tensile modulus (1 mm/min)	MPa	ISO 527	2500
Stress at break (50 mm/min)	MPa	ISO 527	63
Tensile Strain at yield (50mm/min)	%	ISO 527	6
Flexural modulus (2 mm/min)	MPa	ISO 178	2600
Flexural strength (2 mm/min)	MPa	ISO 178	95
Charpy notched impact strength (23°C)	kJ/m ²	ISO 179/1eA	9
Charpy unnotched impact strength (23°C)	kJ/m ²	ISO 179/1eU	N.B.
Rheological			
Melt flow index M.F.I. (300°C, 1.2 kg)	g/10min	ISO 1133	20
Thermal			
VICAT softening temperature	°C	ISO 306-B50	141
Flammability classification (1.6mm)	V0-V1-V2-HB	UL 94	V0

UPDATE DATE

feb.-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.




TECHNICAL DATA SHEET [TDS]
PC Dinaxan
REFERENCE: PC1S25 V0 UV-9233
PRODUCT DESCRIPTION

PC Dinaxan, V0 Halogen free, UV stabilized, White

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

UPDATE DATE

feb.-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.

