



TECHNICAL DATA SHEET [TDS]

PC Dinaxan

REFERENCE: PC1S25 UV-9210

PRODUCT DESCRIPTION

PC Dinaxan, UV stabilized, White

PROPERTIES	UNITS	METHOD	VALUE D.A.M
Physical			
Relative density	g/cm ³	ISO 1183	1.22
Mechanical			
Tensile modulus (1 mm/min)	MPa	ISO 527	2550
Stress at break (50 mm/min)	MPa	ISO 527	55
Tensile Stress at yield (50mm/min)	Mpa	ISO 527	63
Tensile Strain at yield (50mm/min)	%	ISO 527	5,3
Strain at break (50 mm/min)	%	ISO 527	80
Flexural modulus (2 mm/min)	MPa	ISO 178	2500
Flexural strength (2 mm/min)	MPa	ISO 178	100
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	25
Thermal			
VICAT softening temperature	°C	ISO 306-B50	135

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.




TECHNICAL DATA SHEET [TDS]
PC Dinaxan
REFERENCE: PC1S25 UV-9210
PRODUCT DESCRIPTION

PC Dinaxan, UV stabilized, White

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

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.

