

Technical Data Sheet [TDS]

PC/ASA Dinablend UV Grey

Reference: PCASA4S30 UV-7365

Properties	Unit	Method	Value d.a.m.
Physical			
Relative density	g/cm ³	ISO 1183	1.15
Mechanical			
Tensile modulus (1 mm/min)	MPa	ISO 527	2200
Stress at break (50 mm/min)	MPa	ISO 527	51
Strain at yield (50 mm/min)	%	ISO 527	4,3
Strain at break (50 mm/min)	%	ISO 527	>20
Flexural modulus (2 mm/min)	MPa	ISO 178	1900
Flexural strength (2 mm/min)	MPa	ISO 178	75
Charpy notched impact strength (23°C)	kJ/m ²	ISO 179/1eA	>20
Charpy unnotched impact strength (23°C)	kJ/m ²	ISO 179/1eU	NB
Rheological			
Melt flow index M.F.I. (260°C, 5 kg)	g/10min	ISO 1133	30
Thermal			
Heat deflection temperature HDT (1.80 MPa)	°C	ISO 75-A	100
VICAT softening temperature	°C	ISO 306-B50	115
Flammability classification (1.6mm)	V0-V1-V2-HB	UL 94	HB
Processing			
Melt temperature range	°C	-	240 - 260
Recommended mould temperature	°C	-	60 - 80
Drying temperature	°C	-	90-100
Drying time	h	-	2 - 4

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.

Last update: 11/ 2012



