


TECHNICAL DATA SHEET [TDS]
PC/ABS Dinablend
REFERENCE: PCABS1S25 V0 UV-9003
PRODUCT DESCRIPTION

PC/ABS Dinablend, V0 Halogen free, UV stabilized, RAL 9003

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	2700
Stress at yield (50 mm/min)	MPa	ISO 527	60
Strain at yield (50 mm/min)	%	ISO 527	4,5
Strain at break (50 mm/min)	%	ISO 527	104
Charpy notched impact strength (23°C)	kJ/m ²	ISO 179/1eA	17
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	20
Thermal			
VICAT softening temperature	°C	ISO 306-B50	120
Flammability classification (1.6mm)	V0-V1-V2-HB	UL 94	V0
Glow wire flammability index, GWFI (2 mm)	°C	UNE-EN 60695-2-12	960

UPDATE DATE

sep.-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.




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PROPERTIES	UNITS	METHOD	VALUE D.A.M
Processing			
Melt temperature range	°C	-	240-280
Recommended mould temperature	°C	-	60-100
Drying temperature	°C	-	100
Drying time	h	-	2 - 4

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