


TECHNICAL DATA SHEET [TDS]
PC/ABS Dinablend
REFERENCE: PCABS1S15 V0-7035
PRODUCT DESCRIPTION

PC/ABS Dinablend, V0 Halogen free, RAL 7035

PROPERTIES	UNITS	METHOD	VALUE D.A.M
Physical			
Relative density	g/cm ³	ISO 1183	1.20
Mechanical			
Tensile modulus (1 mm/min)	MPa	ISO 527	2600
Tensile Stress at yield (50mm/min)	Mpa	ISO 527	60
Tensile Strain at yield (50mm/min)	%	ISO 527	4,2
Flexural modulus (2 mm/min)	MPa	ISO 178	2700
Flexural strength (2 mm/min)	MPa	ISO 178	90
Charpy notched impact strength (23°C)	kJ/m ²	ISO 179/1eA	30
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	103
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
Burning rate	mm/min	ISO 3795	<100

UPDATE DATE

ene.-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.




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PROPERTIES	UNITS	METHOD	VALUE D.A.M
Processing			
Melt temperature range	°C	-	250-290
Recommended mould temperature	°C	-	60 - 00
Drying temperature	°C	-	100
Drying time	h	-	2 - 4

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