


TECHNICAL DATA SHEET [TDS]
PC/ABS Dinablend
REFERENCE: PCABS1X20-7035
PRODUCT DESCRIPTION

PC/ABS Dinablend, RAL 7035

PROPERTIES	UNITS	METHOD	VALUE D.A.M
Physical			
Relative density	g/cm ³	ISO 1183	1,18
Mechanical			
Tensile modulus (1 mm/min)	MPa	ISO 527	2400
Tensile Stress at yield (50mm/min)	Mpa	ISO 527	58
Tensile Strain at yield (50mm/min)	%	ISO 527	5
Strain at break (50 mm/min)	%	ISO 527	>60
Flexural modulus (2 mm/min)	MPa	ISO 178	2350
Flexural strength (2 mm/min)	MPa	ISO 178	88
Charpy notched impact strength (23°C)	kJ/m ²	ISO 179/1eA	50
Charpy unnotched impact strength (23°C)	kJ/m ²	ISO 179/1eU	NB
Rheological			
Melt flow index M.F.I. (260°C, 2.16 kg)	g/10min	ISO 1133	25
Thermal			
VICAT softening temperature	°C	ISO 306-B50	139
Flammability classification (1.6mm)	V0-V1-V2-HB	UL 94	V2
Glow wire flammability index, GWFI (2 mm)	°C	UNE-EN 60695-2-12	800

UPDATE DATE

jul.-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/ABS Dinablend
REFERENCE: PCABS1X20-7035
PRODUCT DESCRIPTION

PC/ABS Dinablend, RAL 7035

PROPERTIES	UNITS	METHOD	VALUE D.A.M
Processing			
Melt temperature range	°C	-	235 - 270
Drying temperature	°C	-	100
Drying time	h	-	3 - 4

UPDATE DATE

jul.-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.

