



TECHNICAL DATA SHEET [TDS]

PC/ABS Dinablend

REFERENCE: PCABS1S15 C-0217

PRODUCT DESCRIPTION

PC/ABS Dinablend Natural, Electrical Conductivity, EMI Shielding

PROPERTIES	UNITS	METHOD	VALUE D.A.M
Physical			
Relative density	g/cm ³	ISO 1183	1.24
Mechanical			
Tensile modulus (1 mm/min)	MPa	ISO 527	3400
Stress at break (5 mm/min)	MPa	ISO 527	60
Strain at yield (5 mm/min)	%	ISO 527	4
Strain at break (5 mm/min)	%	ISO 527	5
Flexural strength (2 mm/min)	MPa	ISO 178	70
Charpy notched impact strength (23°C)	kJ/m ²	ISO 179/1eA	6
Charpy unnotched impact strength (23°C)	kJ/m ²	ISO 179/1eU	80
Rheological			
Melt flow index M.F.I. (260°C, 5 kg)	g/10min	ISO 1133	7
Thermal			
VICAT softening temperature	°C	ISO 306-B50	133
Flammability classification (1.6mm)	V0-V1-V2-HB	UL 94	HB
Electrical			
Surface resistivity	Ohm	IEC 60093	10E3-10E1

UPDATE DATE

dic.-2016

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: PCABS1S15 C-0217

PRODUCT DESCRIPTION

PC/ABS Dinablend Natural, Electrical Conductivity, EMI Shielding

PROPERTIES	UNITS	METHOD	VALUE D.A.M
Processing			
Melt temperature range	°C	-	225 - 250
Recommended mould temperature	°C	-	50 - 75
Drying temperature	°C	-	100
Drying time	h	-	2 - 4

UPDATE DATE

dic.-2016

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.

