


TECHNICAL DATA SHEET [TDS]
PC/ABS Dinablend
REFERENCE: PCABS2S10 G15-4213
PRODUCT DESCRIPTION

PC/ABS Dinablend, 15% Glass fibre, Black

PROPERTIES	UNITS	METHOD	VALUE D.A.M
Physical			
Relative density	g/cm ³	ISO 1183	1.24
Ash content	%	ISO 3451	15
Mechanical			
Tensile modulus (1 mm/min)	MPa	ISO 527	5300
Stress at break (5 mm/min)	MPa	ISO 527	88
Strain at break (5 mm/min)	%	ISO 527	2,7
Flexural modulus (2 mm/min)	MPa	ISO 178	5100
Flexural strength (2 mm/min)	MPa	ISO 178	130
Charpy notched impact strength (23°C)	kJ/m ²	ISO 179/1eA	10
Charpy unnotched impact strength (23°C)	kJ/m ²	ISO 179/1eU	40
Rheological			
Melt flow index M.F.I. (260°C, 5 kg)	g/10min	ISO 1133	15
Thermal			
VICAT softening temperature	°C	ISO 306-B50	130

UPDATE DATE

mar.-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	-	260-290
Recommended mould temperature	°C	-	50-75
Drying temperature	°C	-	115
Drying time	h	-	4

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