PC ABS
Dinablend®

Repol

TECHNICAL DATA SHEET [TDS]

PC/ABS Dinablend **REFERENCE: PCABS1S20 UV-9016**

PRODUCT DESCRIPTION

PC/ABS Dinablend, UV stabilized, RAL 9016

PROPERTIES	UNITS	METHOD	VALUE D.A.M
Physical			
Relative density	g/cm³	ISO 1183	1,17
Mechanical			
Tensile modulus (1 mm/min)	MPa	ISO 527	2400
Stress at break (50 mm/min)	MPa	ISO 527	50
Strain at yield (50 mm/min)	%	ISO 527	5
Flexural modulus (2 mm/min)	MPa	ISO 178	2500
Flexural strength (2 mm/min)	MPa	ISO 178	95
Charpy notched impact strength (23ºC)	kJ/m²	ISO 179/1eA	55
Charpy unnotched impact strength (23ºC)	kJ/m²	ISO 179/1eU	NB
Rheological			
Melt flow index M.F.I. (260ºC, 5 kg)	g/10min	ISO 1133	20
Thermal			
VICAT softening temperature	ºC	ISO 306-B50	138
Glow wire flammability index, GWFI (2 mm)	ºC	UNE-EN 60695-2-12	650

UPDATE DATE abr.-2018

The data submited 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	ºC	-	250 - 270
Recommended mould temperature	ºC	-	60 - 100
Drying temperature	ºC	-	100
Drying time	h	-	2 - 4

UPDATE DATE abr.-2018

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