



TECHNICAL DATA SHEET [TDS]

PC/ASA Dinablend

REFERENCE: PCASA4S20 V0 UV-3000

PRODUCT DESCRIPTION

PC/ASA Dinablend, V0 Halogen free, UV stabilized, RAL 3000

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	2350
Tensile Stress at yield (50mm/min)	Mpa	ISO 527	53
Stress at break (50 mm/min)	MPa	ISO 527	44
Tensile Strain at yield (50mm/min)	%	ISO 527	3,6
Strain at break (50 mm/min)	%	ISO 527	>8
Flexural modulus (2 mm/min)	MPa	ISO 178	2400
Flexural strength (2 mm/min)	MPa	ISO 178	80
Charpy notched impact strength (23°C)	kJ/m ²	ISO 179/1eA	7
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	48
Thermal			
Flammability classification (1.6 mm)	V0-V1-V2-HB	UL 94	V0
VICAT softening temperature	°C	ISO 306-B50	> 80

UPDATE DATE

jun.-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	-	240-260
Recommended mould temperature	°C	-	60-80
Drying temperature	°C	-	90-100
Drying time	h	-	2 - 4

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