PC ASA
Dinablend®

Repol

TECHNICAL DATA SHEET [TDS]

PC/ASA Dinablend **REFERENCE: PCASA4S20 UV-7015**

PRODUCT DESCRIPTION

PC/ASA Dinablend, UV stabilized, RAL 7015

PROPERTIES	UNITS	METHOD	VALUE D.A.M
Physical			
Relative density	g/cm³	ISO 1183	1.14
Mechanical			
Tensile modulus (1 mm/min)	MPa	ISO 527	2000
Tensile Stress at yield (50mm/min)	Mpa	ISO 527	47
Stress at break (50 mm/min)	MPa	ISO 527	42
Strain at break (50 mm/min)	%	ISO 527	>28
Flexural modulus (2 mm/min)	MPa	ISO 178	2000
Flexural strength (2 mm/min)	MPa	ISO 178	75
Charpy notched impact strength (23ºC)	kJ/m²	ISO 179/1eA	55
Charpy unnotched impact strength (23ºC)	kJ/m²	ISO 179/1eU	NB
Tensile Strain at yield (50mm/min)	%	ISO 527	4.2
Rheological			
Melt flow index M.F.I. (260ºC, 5 kg)	g/10min	ISO 1133	15
Thermal			
VICAT softening temperature	ºC	ISO 306-B50	>110
Flammability classification (1.6mm)	V0-V1-V2-HB	UL 94	HB

UPDATE DATE nov.-2017

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	-	240-260
Recommended mould temperature	ºC	-	60-80
Drying temperature	ºC	-	90-100
Drying time	h	-	2 - 4

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