


TECHNICAL DATA SHEET [TDS]
ABS Dinarex
REFERENCE: S1S10 M606-9167
PRODUCT DESCRIPTION

ABS Dinarex, High density, White

PROPERTIES	UNITS	METHOD	VALUE D.A.M
Physical			
Relative density	g/cm ³	ISO 1183	2,02
Mechanical			
Tensile modulus (1 mm/min)	MPa	ISO 527	4450
Stress at break (50 mm/min)	MPa	ISO 527	16
Strain at break (50 mm/min)	%	ISO 527	>2.7
Flexural modulus (2 mm/min)	MPa	ISO 178	4750
Flexural strength (2 mm/min)	MPa	ISO 178	40
Charpy notched impact strength (23°C)	kJ/m ²	ISO 179/1eA	2,6
Charpy unnotched impact strength (23°C)	kJ/m ²	ISO 179/1eU	10
Tensile Stress at yield (50mm/min)	Mpa	ISO 527	18
Tensile Strain at yield (5mm/min)	%	ISO 527	1.1
Rheological			
Melt flow index M.F.I. (220°C, 5 kg)	g/10min	ISO 1133	14
Thermal			
VICAT softening temperature	°C	ISO 306-B50	92

UPDATE DATE

ago.-2017

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	-	235-270
Recommended mould temperature	°C	-	40-75
Drying temperature	°C	-	75
Drying time	h	-	2

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ago.-2017

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