


TECHNICAL DATA SHEET [TDS]
ABS Dinarex
REFERENCE: S1S35-7397
PRODUCT DESCRIPTION

ABS Dinarex, Grey

PROPERTIES	UNITS	METHOD	VALUE D.A.M
Physical			
Relative density	g/cm ³	ISO 1183	1.05
Mechanical			
Tensile modulus (1 mm/min)	MPa	ISO 527	2500
Stress at break (50 mm/min)	MPa	ISO 527	33
Tensile Stress at yield (50mm/min)	Mpa	ISO 527	44
Tensile Strain at yield (50mm/min)	%	ISO 527	2,2
Strain at break (50 mm/min)	%	ISO 527	22
Flexural modulus (2 mm/min)	MPa	ISO 178	2400
Flexural strength (2 mm/min)	MPa	ISO 178	70
Charpy notched impact strength (23°C)	kJ/m ²	ISO 179/1eA	15
Charpy unnotched impact strength (23°C)	kJ/m ²	ISO 179/1eU	N.B.
Rheological			
Melt flow index M.F.I. (220°C, 10 kg)	g/10min	ISO 1133	30
Thermal			
VICAT softening temperature	°C	ISO 306-B50	96

UPDATE DATE

abr.-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	-	210-250
Recommended mould temperature	°C	-	30-70
Drying temperature	°C	-	75
Drying time	h	-	2

UPDATE DATE

abr.-2018

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