



TECHNICAL DATA SHEET [TDS]

ABS Dinarex

REFERENCE: S1S15 G17-4247

PRODUCT DESCRIPTION

ABS Dinarex, 17% Glass fibre, Black

PROPERTIES	UNITS	METHOD	VALUE D.A.M
Physical			
Relative density	g/cm ³	ISO 1183	1,15
Ash content	%	ISO 3451	17
Mechanical			
Tensile modulus (1 mm/min)	MPa	ISO 527	5700
Stress at break (5 mm/min)	MPa	ISO 527	70
Strain at break (5 mm/min)	%	ISO 527	2
Flexural modulus (2 mm/min)	MPa	ISO 178	5700
Flexural strength (2 mm/min)	MPa	ISO 178	105
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	25
Rheological			
Melt flow index M.F.I. (220°C, 10 kg)	g/10min	ISO 1133	10
Thermal			
Heat deflection temperature HDT (1.80 MPa)	°C	ISO 75-A	96,5

UPDATE DATE

may.-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	-	225-260
Recommended mould temperature	°C	-	50-80
Drying temperature	°C	-	80
Drying time	h	-	2

UPDATE DATE

may.-2018

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