


TECHNICAL DATA SHEET [TDS]
ABS Dinarex
REFERENCE: S2S25-4275
PRODUCT DESCRIPTION

ABS Dinarex, Black

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	2400
Tensile Stress at break (50mm/min)	Mpa	ISO 527	35
Tensile Stress at yield (50mm/min)	Mpa	ISO 527	45
Strain at yield (50 mm/min)	%	ISO 527	2.3
Strain at break (50 mm/min)	%	ISO 527	>10
Flexural modulus (2 mm/min)	MPa	ISO 178	2300
Flexural strength (2 mm/min)	MPa	ISO 178	70
Charpy notched impact strength (23°C)	kJ/m ²	ISO 179/1eA	20
Charpy unnotched impact strength (23°C)	kJ/m ²	ISO 179/1eU	60
Rheological			
Melt flow index M.F.I. (220°C, 10 kg)	g/10min	ISO 1133	25
Thermal			
VICAT softening temperature	°C	ISO 306-B50	95

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	-	230-250
Recommended mould temperature	°C	-	30-70
Drying temperature	°C	-	75
Drying time	h	-	2

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jun.-2018

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