


TECHNICAL DATA SHEET [TDS]
ABS Dinarex
REFERENCE: S1S35 XV0-9211
PRODUCT DESCRIPTION

ABS Dinarex, V0 Halogenated, White

PROPERTIES	UNITS	METHOD	VALUE D.A.M
Physical			
Relative density	g/cm ³	ISO 1183	1,21
Mechanical			
Tensile modulus (1 mm/min)	MPa	ISO 527	2300
Tensile Stress at yield (50mm/min)	Mpa	ISO 527	40
Strain at yield (50 mm/min)	%	ISO 527	2,4
Strain at break (50 mm/min)	%	ISO 527	25
Flexural modulus (2 mm/min)	MPa	ISO 178	2300
Flexural strength (2 mm/min)	MPa	ISO 178	65
Charpy notched impact strength (23°C)	kJ/m ²	ISO 179/1eA	14
Charpy unnotched impact strength (23°C)	kJ/m ²	ISO 179/1eU	NR
Rheological			
Melt flow index M.F.I. (220°C, 10 kg)	g/10min	ISO 1133	24
Thermal			
VICAT softening temperature	°C	ISO 306-B50	91
Flammability classification (1.6mm)	V0-V1-V2-HB	UL 94	V0

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	-	200-220
Recommended mould temperature	°C	-	40-75
Drying temperature	°C	-	75
Drying time	h	-	2

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