


TECHNICAL DATA SHEET [TDS]
ABS Dinarex
REFERENCE: S1S35 XV0-3020
PRODUCT DESCRIPTION

ABS Dinarex, V0 Halogenated, RAL 3020

PROPERTIES	UNITS	METHOD	VALUE D.A.M
Physical			
Relative density	g/cm ³	ISO 1183	1,24
Mechanical			
Tensile modulus (1 mm/min)	MPa	ISO 527	2100
Stress at break (50 mm/min)	MPa	ISO 527	28
Tensile Stress at yield (50mm/min)	Mpa	ISO 527	37
Strain at yield (50 mm/min)	%	ISO 527	2,2
Strain at break (50 mm/min)	%	ISO 527	>5
Flexural modulus (2 mm/min)	MPa	ISO 178	2200
Flexural strength (2 mm/min)	MPa	ISO 178	60
Charpy notched impact strength (23°C)	kJ/m ²	ISO 179/1eA	12
Charpy unnotched impact strength (23°C)	kJ/m ²	ISO 179/1eU	80
Rheological			
Melt flow index M.F.I. (220°C, 10 kg)	g/10min	ISO 1133	35
Thermal			
VICAT softening temperature	°C	ISO 306-B50	85
Flammability classification (1.6mm)	V0-V1-V2-HB	UL 94	V0

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	-	200-225
Recommended mould temperature	°C	-	40-75
Drying temperature	°C	-	75
Drying time	h	-	2

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