

Technical Data Sheet [TDS]

ABS Dinarex Grey RAL 7035

Reference: S1S35 XV0-7035

Properties	Unit	Method	Value d.a.m.
Physical			
Relative density	g/cm ³	ISO 1183	1,23
Mechanical			
Tensile modulus (1 mm/min)	MPa	ISO 527	2400
Stress at yield (50 mm/min)	MPa	ISO 527	40
Flexural modulus (2 mm/min)	MPa	ISO 178	2000
Flexural strength (2 mm/min)	MPa	ISO 178	58
Charpy notched impact strength (23°C)	kJ/m ²	ISO 179/1eA	9
Charpy unnotched impact strength (23°C)	kJ/m ²	ISO 179/1eU	75
Rheological			
Melt flow index M.F.I. (220°C, 10 kg)	g/10min	ISO 1133	35
Thermal			
VICAT softening temperature	°C	ISO 306-B50	87
Flammability classification (1.6mm)	V0-V1-V2-HB	UL 94	V0
Processing			
Melt temperature range	°C	-	200-225
Recommended mould temperature	°C	-	40-75
Drying temperature	°C	-	75
Drying time	h	-	2

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.

Last update: 07/ 2013



