

Technical Data Sheet [TDS]

ABS Dinarex White

Reference: S1S07 M756-9167

Properties	Unit	Method	Value d.a.m.
Physical			
Relative density	g/cm ³	ISO 1183	2.45
Ash content	%	ISO 3451	75
Mechanical			
Stress at break (5 mm/min)	MPa	ISO 527	13
Strain at yield (5 mm/min)	%	ISO 527	0,1
Strain at break (5 mm/min)	%	ISO 527	0,1
Flexural strength (2 mm/min)	MPa	ISO 178	26
Charpy notched impact strength (23°C)	kJ/m ²	ISO 179/1eA	1,6
Charpy unnotched impact strength (23°C)	kJ/m ²	ISO 179/1eU	8
Rheological			
Melt flow index M.F.I. (220°C, 10 kg)	g/10min	ISO 1133	15
Thermal			
Heat deflection temperature HDT (1.80MPa)	°C	ISO 75-A	91
Processing			
Melt temperature range	°C	-	200-250
Recommended mould temperature	°C	-	50-70
Drying temperature	°C	-	70-80
Drying time	h	-	2-3

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: 06/ 2014



