

Technical Data Sheet [TDS]

PA66 Dinalon Grey RAL 7035

Reference: A1S25 G30 P-7035

Properties	Unit	Method	Value d.a.m.
Physical			
Relative density	g/cm ³	ISO 1183	1,41
Humidity	%	ISO 15512-B	< 0,25
Mechanical			
Tensile modulus (1 mm/min)	MPa	ISO 527	11100
Stress at break (5 mm/min)	MPa	ISO 527	156
Flexural strength (2 mm/min)	MPa	ISO 178	215
Charpy notched impact strength (23°C)	kJ/m ²	ISO 179/1eA	5
Charpy unnotched impact strength (23°C)	kJ/m ²	ISO 179/1eU	45
Thermal			
Heat deflection temperature HDT (1.80MPa)	°C	ISO 75-A	250
VICAT softening temperature	°C	ISO 306-B50	>230
Processing			
Melt temperature range	°C	-	255-290
Recommended mould temperature	°C	-	70-100
Drying temperature	°C	-	80
Drying time	h	-	2-4

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: 12/ 2014



