

Technical Data Sheet [TDS]

POM Copolymer Dinaform Natural

Reference: POMC1X09 B15TF15-0211

Properties	Unit	Method	Value d.a.m.
Physical			
Relative density	g/cm ³	ISO 1183	1.59
Humidity	%	ISO 15512-B	< 0.1
Mechanical			
Tensile modulus (1 mm/min)	MPa	ISO 527	2800
Stress at break (50 mm/min)	MPa	ISO 527	40
Strain at yield (50 mm/min)	%	ISO 527	10
Strain at break (50 mm/min)	%	ISO 527	>20
Flexural strength (2 mm/min)	MPa	ISO 178	62
Charpy notched impact strength (23°C)	kJ/m ²	ISO 179/1eA	3,5
Charpy unnotched impact strength (23°C)	kJ/m ²	ISO 179/1eU	45
Thermal			
Heat deflection temperature HDT (1.80MPa)	°C	ISO 75-A	97
Processing			
Melt temperature range	°C	-	180-200
Recommended mould temperature	°C	-	50-70
Drying temperature	°C	-	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: 02/ 2014



