



TECHNICAL DATA SHEET [TDS]

POM Dinaform

REFERENCE: POMC1S09 HI UV-0231

PRODUCT DESCRIPTION

POM Copolymer Dinaform, High impact, UV stabilized, Natural

PROPERTIES	UNITS	METHOD	VALUE D.A.M
Physical			
Relative density	g/cm ³	ISO 1183	1.37
Mould shrinkage	%	ASTM D-955	1,7
Mechanical			
Tensile modulus (1 mm/min)	MPa	ISO 527	2250
Stress at yield (50 mm/min)	MPa	ISO 527	52
Flexural strength (2 mm/min)	MPa	ISO 178	70
Charpy notched impact strength (23°C)	kJ/m ²	ISO 179/1eA	10
Charpy unnotched impact strength (23°C)	kJ/m ²	ISO 179/1eU	NB
Rheological			
Melt flow index M.F.I. (190°C, 2,16 kg)	g/10 min	ISO 1133	7
Thermal			
Heat deflection temperature HDT (1.80 MPa)	°C	ISO 75-A	82
Flammability classification (1.6mm)	V0-V1-V2-HB	UL 94	HB

UPDATE DATE

feb.-2017

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	-	170-190
Recommended mould temperature	°C	-	60-80
Drying temperature	°C	-	70
Drying time	h	-	2

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