



TECHNICAL DATA SHEET [TDS]

POM Dinaform

REFERENCE: POMC3S15-0080

PRODUCT DESCRIPTION

POM Copolymer Dinaform, Natural

PROPERTIES	UNITS	METHOD	VALUE D.A.M
Physical			
Relative density	g/cm ³	ISO 1183	1.41
Mechanical			
Tensile modulus (1 mm/min)	MPa	ISO 527	2800
Tensile Stress at yield (50mm/min)	Mpa	ISO 527	64
Tensile Strain at yield (50mm/min)	%	ISO 527	6,7
Strain at break (50 mm/min)	%	ISO 527	>12
Flexural modulus (2 mm/min)	MPa	ISO 178	2800
Flexural strength (2 mm/min)	MPa	ISO 178	90
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	NB
Rheological			
Melt flow index M.F.I. (190°C, 2,16 kg)	g/10 min	ISO 1133	13
Thermal			
Heat deflection temperature HDT (1.80 MPa)	°C	ISO 75-A	90
Flammability classification (1.6mm)	V0-V1-V2-HB	UL 94	HB

UPDATE DATE

nov.-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	-	190-210
Recommended mould temperature	°C	-	60-80
Drying temperature	°C	-	80
Drying time	h	-	3 - 4

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