POM Dinaform®

Repol

TECHNICAL DATA SHEET [TDS]

POM Dinaform **REFERENCE: POMC1S10 TF25-7036**

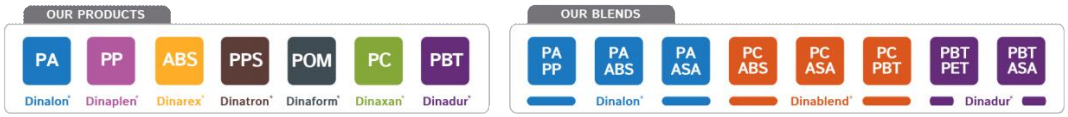
PRODUCT DESCRIPTION

POM Copolymer Dinaform, 25% Low friction, RAL 7036

PROPERTIES	UNITS	METHOD	VALUE D.A.M
Physical			
Relative density	g/cm³	ISO 1183	1,55
Humidity	%	ISO 15512-B	< 0.25
Mechanical			
Tensile modulus (1 mm/min)	MPa	ISO 527	2200
Stress at break (5 mm/min)	MPa	ISO 527	40
Strain at break (50 mm/min)	%	ISO 527	10
Flexural modulus (2 mm/min)	MPa	ISO 178	2200
Flexural strength (2 mm/min)	MPa	ISO 178	63
Charpy notched impact strength (23ºC)	kJ/m²	ISO 179/1eA	5
Rheological			
Melt flow index M.F.I. (190ºC, 2,16 kg)	g/10 min	ISO 1133	6
Thermal			
Heat deflection temperature HDT (1.80MPa)	ºC	ISO 75-A	73
Flammability classification (1.6mm)	V0-V1-V2-HB	UL 94	H.B.

UPDATE DATE feb.-2018

The data submited 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	ºC	-	180-200
Recommended mould temperature	ºC	-	50-70
Drying temperature	ºC	-	80
Drying time	h	-	2 - 3

UPDATE DATE feb.-2018

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