


TECHNICAL DATA SHEET [TDS]
PA Dinalon
REFERENCE: BPP1S10-7446
PRODUCT DESCRIPTION

PA Dinalon, Flexible, grey

PROPERTIES	UNITS	METHOD	VALUE D.A.M
Relative density	g/cm ³	ISO 1183	1.12
Humidity	%	ISO 15512-B	< 0.25
Tensile modulus (1 mm/min)	MPa	ISO 527	360
Stress at break (50 mm/min)	MPa	ISO 527	14
Strain at break (50 mm/min)	%	ISO 527	32
Flexural modulus (2 mm/min)	MPa	ISO 178	520
Flexural strength (2 mm/min)	MPa	ISO 178	16
Charpy notched impact strength (23°C)	kJ/m ²	ISO 179/1eA	36
Charpy unnotched impact strength (23°C)	kJ/m ²	ISO 179/1eU	NB
Tensile Stress at yield (50mm/min)	Mpa	ISO 527	15
Tensile Strain at yield (50mm/min)	%	ISO 527	25
Thermal			
Heat deflection temperature HDT (1.80 MPa)	°C	ISO 75-A	38

UPDATE DATE

ago.-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
Melt temperature range	°C	-	220-240
Recommended mould temperature	°C	-	20-40
Drying temperature	°C	-	80
Drying time	h	-	2 - 4

UPDATE DATE

ago.-2017

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