


TECHNICAL DATA SHEET [TDS]
PBTASA Dinadur
REFERENCE: PBTASA1S40 G10-7456
PRODUCT DESCRIPTION

PBTASA Dinadur, 10% Glass fibre, grey

PROPERTIES	UNITS	METHOD	VALUE D.A.M
Physical			
Relative density	g/cm ³	ISO 1183	1.31
Mechanical			
Tensile modulus (1 mm/min)	MPa	ISO 527	4300
Tensile Stress at yield (5mm/min)	Mpa	ISO 527	72
Tensile Strain at yield (5mm/min)	%	ISO 527	2.5
Strain at break (5 mm/min)	%	ISO 527	2.7
Flexural modulus (2 mm/min)	MPa	ISO 178	3900
Flexural strength (2 mm/min)	MPa	ISO 178	112
Charpy notched impact strength (23°C)	kJ/m ²	ISO 179/1eA	4
Charpy unnotched impact strength (23°C)	kJ/m ²	ISO 179/1eU	40
Thermal			
Heat deflection temperature HDT (1.80 MPa)	°C	ISO 75-A	138
Processing			
Melt temperature range	°C	-	250-275
Recommended mould temperature	°C	-	85-110
Drying temperature	°C	-	110
Drying time	h	-	4-6

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.

