

## Technical Data Sheet [TDS]

## PBTASA Dinablend

Reference: PBTASA1S30 G20-4322

Properties	Unit	Method	Value d.a.m.
<b>Physical</b>			
Relative density	g/cm <sup>3</sup>	ISO 1183	1.38
<b>Mechanical</b>			
Tensile modulus (1 mm/min)	MPa	ISO 527	3500
Stress at yield (5 mm/min)	MPa	ISO 527	80
Strain at break (5 mm/min)	%	ISO 527	3
Flexural modulus (2 mm/min)	MPa	ISO 178	3900
Flexural strength (2 mm/min)	MPa	ISO 178	115
Charpy notched impact strength (23°C)	kJ/m <sup>2</sup>	ISO 179/1eA	6
Charpy unnotched impact strength (23°C)	kJ/m <sup>2</sup>	ISO 179/1eU	45
<b>Thermal</b>			
Heat deflection temperature HDT (1.80 MPa)	°C	ISO 75-A	170
VICAT softening temperature	°C	ISO 306-B50	185
<b>Processing</b>			
Melt temperature range	°C	-	250-275
Recommended mould temperature	°C	-	75-110
Drying temperature	°C	-	110
Drying time	h	-	4-8

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.

Last update: 12/ 2014



