


TECHNICAL DATA SHEET [TDS]
BABS Dinalon
REFERENCE: BABS1S25 MI UV-0262
PRODUCT DESCRIPTION

BABS Dinalon, Medium impact, Nature

PROPERTIES	UNITS	METHOD	VALUE D.A.M
Physical			
Relative density	g/cm ³	ISO 1183	1,05
Mechanical			
Tensile modulus (1 mm/min)	MPa	ISO 527	1450
Stress at break (50 mm/min)	MPa	ISO 527	40
Tensile Strain at yield (50mm/min)	%	ISO 527	3.6
Strain at break (50 mm/min)	%	ISO 527	>150
Flexural modulus (2 mm/min)	MPa	ISO 178	1300
Flexural strength (2 mm/min)	MPa	ISO 178	42
Charpy notched impact strength (23°C)	kJ/m ²	ISO 179/1eA	65
Charpy unnotched impact strength (23°C)	kJ/m ²	ISO 179/1eU	NR
Thermal			
Heat deflection temperature HDT (1.80 MPa)	°C	ISO 75-A	>52
Processing			
Melt temperature range	°C	-	230-250
Recommended mould temperature	°C	-	30-70
Drying temperature	°C	-	80
Drying time	h	-	2 - 3

UPDATE DATE

sep.-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.

