


TECHNICAL DATA SHEET [TDS]
PA66 Dinalon
REFERENCE: A1S25 TF F-4201
PRODUCT DESCRIPTION

PA66 Dinalon, 0% Low friction, Flexible, Black

PROPERTIES	UNITS	METHOD	VALUE D.A.M
Physical			
Relative density	g/cm ³	ISO 1183	1,17
Humidity	%	ISO 15512-B	<0.25
Mechanical			
Tensile modulus (1 mm/min)	MPa	ISO 527	2500
Strain at break (50 mm/min)	%	ISO 527	17.4
Flexural modulus (2 mm/min)	MPa	ISO 178	2400
Flexural strength (2 mm/min)	MPa	ISO 178	85
Charpy notched impact strength (23°C)	kJ/m ²	ISO 179/1eA	7
Charpy unnotched impact strength (23°C)	kJ/m ²	ISO 179/1eU	NR
Tensile Stress at yield (50mm/min)	Mpa	ISO 527	59
Tensile Strain at yield (50mm/min)	%	ISO 527	5
Thermal			
Heat deflection temperature HDT (1.80 MPa)	°C	ISO 75-A	60
Processing			
Melt temperature range	°C	-	250-280
Recommended mould temperature	°C	-	70-90
Drying temperature	°C	-	80
Drying time	h	-	2 - 5

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.

