


TECHNICAL DATA SHEET [TDS]
PA6 Dinalon
REFERENCE: B1X25 HUV-7188
PRODUCT DESCRIPTION

PA6 Dinalon, Heat stabilized, UV stabilized, 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	3000
Stress at break (50 mm/min)	MPa	ISO 527	78
Strain at break (50 mm/min)	%	ISO 527	4,3
Flexural modulus (2 mm/min)	MPa	ISO 178	2500
Flexural strength (2 mm/min)	MPa	ISO 178	100
Charpy notched impact strength (23°C)	kJ/m ²	ISO 179/1eA	1,6
Charpy unnotched impact strength (23°C)	kJ/m ²	ISO 179/1eU	50
Heat deflection temperature HDT (1.80 MPa)	°C	ISO 75-A	55
Melt temperature range	°C	-	210-245
Recommended mould temperature	°C	-	70-90
Drying temperature	°C	-	80
Drying time	h	-	2 - 4

UPDATE DATE

may.-2018

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.

