


TECHNICAL DATA SHEET [TDS]
PA6/PA66 Dinalon
REFERENCE: C1S25 G50-0007
PRODUCT DESCRIPTION

PA6/PA66 Dinalon, 50% Glass fibre, Natural

PROPERTIES	UNITS	METHOD	VALUE D.A.M
Physical			
Relative density	g/cm ³	ISO 1183	1.56
Humidity	%	ISO 15512-B	< 0.25
Ash content	%	ISO 3451	50
Mechanical			
Tensile modulus (1 mm/min)	MPa	ISO 527	16600
Stress at break (5 mm/min)	MPa	ISO 527	220
Strain at break (5 mm/min)	%	ISO 527	3.2
Flexural modulus (2 mm/min)	MPa	ISO 178	15180
Flexural strength (2 mm/min)	MPa	ISO 178	270
Charpy notched impact strength (23°C)	kJ/m ²	ISO 179/1eA	23
Charpy unnotched impact strength (23°C)	kJ/m ²	ISO 179/1eU	55
Thermal			
Heat deflection temperature HDT (1.80MPa)	°C	ISO 75-A	224
VICAT softening temperature	°C	ISO 306	> 230

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.




TECHNICAL DATA SHEET [TDS]
PA6/PA66 Dinalon
REFERENCE: C1S25 G50-0007
PRODUCT DESCRIPTION

PA6/PA66 Dinalon, 50% Glass fibre, Natural

PROPERTIES	UNITS	METHOD	VALUE D.A.M
Processing			
Melt temperature range	°C	-	265-300
Recommended mould temperature	°C	-	70-100
Drying temperature	°C	-	80
Drying time	h	-	2 - 4

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.

