


TECHNICAL DATA SHEET [TDS]
PA66 Dinalon
REFERENCE: A1X25 V0-0003
PRODUCT DESCRIPTION

PA66 Dinalon, V0 Halogen free, Natural

PROPERTIES	UNITS	METHOD	VALUE D.A.M
Physical			
Relative density	g/cm ³	ISO 1183	1.18
Humidity	%	ISO 15512-B	< 0.25
Mechanical			
Tensile modulus (1 mm/min)	MPa	ISO 527	3750
Tensile Stress at yield (50mm/min)	Mpa	ISO 527	82
Tensile Strain at yield (50mm/min)	%	ISO 527	3.6
Flexural modulus (2 mm/min)	MPa	ISO 178	3550
Flexural strength (2 mm/min)	MPa	ISO 178	121
Charpy notched impact strength (23°C)	kJ/m ²	ISO 179/1eA	3
Thermal			
Heat deflection temperature HDT (1.80MPa)	°C	ISO 75-A	80
Flammability classification (1.6mm)	V0-V1-V2-HB	UL 94	V0
Glow wire flammability index, GWFI (1 mm)	°C	UNE-EN 60695-2-12	960
Glow wire ignition test, GWIT (1 mm)	°C	UNE-EN 60695-2-13	775
Burning rate	mm/min	ISO 3795	<100

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]
PA66 Dinalon
REFERENCE: A1X25 V0-0003
PRODUCT DESCRIPTION

PA66 Dinalon, V0 Halogen free, Natural

PROPERTIES	UNITS	METHOD	VALUE D.A.M
Processing			
Melt temperature range	°C	-	250-265
Recommended mould temperature	°C	-	70-90
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.

