PA
Dinalon®

Repol

TECHNICAL DATA SHEET [TDS]

PA6 Dinalon **REFERENCE: B2X25 G30V0 H-6148**

PRODUCT DESCRIPTION

PA6 Dinalon, 30% Glass fibre, V0 Halogen free, Heat stabilized, Green

PROPERTIES	UNITS	METHOD	VALUE D.A.M
Physical			
Relative density	g/cm³	ISO 1183	1,38
Humidity	%	ISO 15512-B	< 0.25
Mechanical			
Tensile modulus (1 mm/min)	MPa	ISO 527	9300
Stress at break (5 mm/min)	MPa	ISO 527	110
Strain at break (5 mm/min)	%	ISO 527	1,9
Flexural modulus (2 mm/min)	MPa	ISO 178	8400
Flexural strength (2 mm/min)	MPa	ISO 178	158
Charpy notched impact strength (23ºC)	kJ/m²	ISO 179/1eA	6
Charpy unnotched impact strength (23ºC)	kJ/m²	ISO 179/1eU	31
Thermal			
Heat deflection temperature HDT (1.80MPa)	ºC	ISO 75-A	202
VICAT softening temperature	ºC	ISO 306	> 230
Flammability classification (1.6mm)	V0-V1-V2-HB	UL 94	V0

UPDATE DATE ago.-2017

The data submited 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.

PA
Dinalon®

Repol

TECHNICAL DATA SHEET [TDS]

PA6 Dinalon **REFERENCE: B2X25 G30V0 H-6148**

PRODUCT DESCRIPTION

PA6 Dinalon, 30% Glass fibre, V0 Halogen free, Heat stabilized, Green

PROPERTIES	UNITS	METHOD	VALUE D.A.M
Processing			
Melt temperature range	ºC	-	245-260
Recommended mould temperature	ºC	-	70-100
Drying temperature	ºC	-	80
Drying time	h	-	2 - 4

UPDATE DATE ago.-2017

The data submited 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.