PA Dinalon®

Repol

TECHNICAL DATA SHEET [TDS]

PA6 Dinalon **REFERENCE: B2X20 G30V0 H-5162**

PRODUCT DESCRIPTION

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

PROPERTIES	UNITS	METHOD	VALUE D.A.M
Physical			
Relative density	g/cm³	ISO 1183	1,37
Humidity	%	ISO 15512-B	<0,25
Mechanical			
Tensile modulus (1 mm/min)	MPa	ISO 527	9200
Stress at break (5 mm/min)	MPa	ISO 527	116
Strain at break (5 mm/min)	%	ISO 527	2,1
Flexural strength (2 mm/min)	MPa	ISO 178	168
Charpy notched impact strength (23ºC)	kJ/m²	ISO 179/1eA	9
Charpy unnotched impact strength (23ºC)	kJ/m²	ISO 179/1eU	50
Thermal			
Heat deflection temperature HDT (1.80 MPa)	ºC	ISO 75-A	200
VICAT softening temperature	ºC	ISO 306-B50	<200
Flammability classification (1.6mm)	V0-V1-V2-HB	UL 94	V0
Burning rate	mm/min	ISO 3795	<100

UPDATE DATE jun.-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: B2X20 G30V0 H-5162**

PRODUCT DESCRIPTION

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

PROPERTIES	UNITS	METHOD	VALUE D.A.M
Processing			
Melt temperature range	ºC	-	240-265
Recommended mould temperature	ºC	-	90-160
Drying temperature	ºC	-	80
Drying time	h	-	4

UPDATE DATE jun.-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.