

DINALON® B1X25 G30V0

Polyamide 6

Grupo Repol

Message:

DINALON® B1X25 G30V0 is a Polyamide 6 (Nylon 6) product filled with 30% glass fiber. It is available in Europe.

Characteristics include:

Flame Rated

Halogen Free

General Information			
UL YellowCard	E175125-102147378		
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Features	Halogen Free		
	Low (to None) Phosphorus Content		
Appearance	Natural Color		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	1.42	g/cm ³	ISO 1183/A
Humidity ¹	< 0.25	%	ISO 15512/B
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	10200	MPa	ISO 527-2
Tensile Stress (Break)	140	MPa	ISO 527-2
Tensile Strain (Break)	3.2	%	ISO 527-2
Flexural Modulus	8000	MPa	ISO 178
Flexural Stress	205	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	10	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	70	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	205	°C	ISO 75-2/A
Vicat Softening Temperature	> 200	°C	ISO 306/B
Flammability	Nominal Value	Test Method	
Flame Rating (1.60 mm)	V-0	UL 94	
NOTE			

1. Karl-Fischer

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