

DINALON® B1S25 B30

Polyamide 6

Grupo Repol

Message:

DINALON® B1S25 B30 is a Polyamide 6 (Nylon 6) product filled with 30% glass bead. It is available in Europe.

General Information			
Filler / Reinforcement	Glass Bead,30% Filler by Weight		
Appearance	Natural Color		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	1.37	g/cm ³	ISO 1183/A
Humidity ¹	< 0.25	%	ISO 15512/B
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	4500	MPa	ISO 527-2
Tensile Stress (Break)	60.0	MPa	ISO 527-2
Tensile Strain			ISO 527-2
Yield	3.0	%	
Break	20	%	
Flexural Modulus	3500	MPa	ISO 178
Flexural Stress	100	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	3.0	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	30	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	70.0	°C	ISO 75-2/A
Vicat Softening Temperature	> 200	°C	ISO 306/B
NOTE			

1. Karl-Fischer

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Recommended distributors for this material

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