

DINALON® B1S25 G30 W

Polyamide 6

Grupo Repol

Message:

DINALON®B1S25 G30 W is a polyamide 6 (nylon 6) product, which contains a 30% glass fiber reinforced material. It is available in Europe. The main characteristics are: moisture resistance.

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 30% filler by weight		
Features	Low or no water absorption		
Appearance	Natural color		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Density	1.37	g/cm ³	ISO 1183/A
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	9100	MPa	ISO 527-2
Tensile Stress (Break)	160	MPa	ISO 527-2
Tensile Strain (Break)	2.5	%	ISO 527-2
Flexural Modulus	6500	MPa	ISO 178
Flexural Stress	200	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	8.0	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	45	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	180	°C	ISO 75-2/A
Vicat Softening Temperature	200	°C	ISO 306/B
Additional Information			

Humidity, Karl-Fisher, ISO 15512/A: 200°C

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Recommended distributors for this material

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