

DINALON® B1X25 G30 W

Polyamide 6

Grupo Repol

Message:

DINALON® B1X25 G30 W is a Polyamide 6 (Nylon 6) product filled with 30% glass fiber. It is available in Europe. Primary characteristic: moisture resistant.

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Features	Low to No Water Absorption		
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/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
NOTE			
1.	Karl-Fischer		

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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