

DINALON® A1S25 G15

Polyamide 66

Grupo Repol

Message:

DINALON®A1S25 G15 is a polyamide 66 (nylon 66) product, which contains a 15% glass fiber reinforced material. It is available in Europe.

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 15% filler by weight		
Appearance	Natural color		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Density	1.24	g/cm ³	ISO 1183/A
Humidity ¹		%	ISO 15512/B
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	6000	MPa	ISO 527-2
Tensile Stress (Break)	125	MPa	ISO 527-2
Tensile Strain (Break)	4.0	%	ISO 527-2
Flexural Modulus	5000	MPa	ISO 178
Flexural Stress	160	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	6.0	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)	235	°C	ISO 75-2/A
Vicat Softening Temperature	> 230	°C	ISO 306/B
NOTE			
1.	Karl-Fischer		

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Recommended distributors for this material

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