

DINALON® A1X25 MI

Polyamide 66

Grupo Repol

Message:

DINALON® A1X25 MI is a Polyamide 66 (Nylon 66) product. It is available in Europe. Primary characteristic: impact resistant.

General Information			
Features	Medium Impact Resistance		
Appearance	Natural Color		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	1.10	g/cm ³	ISO 1183/A
Humidity ¹	< 0.25	%	ISO 15512/B
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2050	MPa	ISO 527-2
Tensile Stress (Break)	55.0	MPa	ISO 527-2
Tensile Strain			ISO 527-2
Yield	10	%	
Break	> 50	%	
Flexural Modulus	1900	MPa	ISO 178
Flexural Stress	75.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	70	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	No Break		ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	67.0	°C	ISO 75-2/A
Vicat Softening Temperature	> 200	°C	ISO 306/B
NOTE			
1.	Karl-Fischer		

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