

# DINALON® PA 6 15% FV

Polyamide 6

Grupo Repol

## Message:

DINALON® PA 6 15% FV is a polyamide 6 (nylon 6) product, which contains a 15% glass fiber reinforced material. It can be processed by injection molding and is available in Europe. The main characteristics are: flame retardant/rated flame.

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 15% filler by weight		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.23	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow	0.80	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	100	MPa	ASTM D638
Tensile Elongation (Break)	10	%	ASTM D638
Flexural Modulus	4600	MPa	ASTM D790
Flexural Strength	120	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact	100	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	230	°C	ASTM D1525
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94
Additional Information			
Glow Wire, UNE 20-672-83: 650°C Vicat Softening Temperature, ASTM D1525: >230°C DTUL, ASTM D648: 180°C			
Injection	Nominal Value	Unit	
Processing (Melt) Temp	250	°C	
Mold Temperature	50.0	°C	

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## Recommended distributors for this material

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