

# DINALON® PA 6.6 40% FV

Polyamide 66

Grupo Repol

## Message:

DINALON® PA 6.6 40% FV is a polyamide 66 (nylon 66) product, which contains 40% glass fiber reinforcement. 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, 40% filler by weight		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.45	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow	0.40	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	200	MPa	ASTM D638
Tensile Elongation (Break)	5.0	%	ASTM D638
Flexural Modulus	8000	MPa	ASTM D790
Flexural Strength	250	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact	170	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	250	°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: >250°C DTUL, ASTM D648: 230°C			
Injection	Nominal Value	Unit	
Processing (Melt) Temp	290	°C	
Mold Temperature	90.0	°C	

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## Recommended distributors for this material

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