

# DINALON® PA 6.6 50% FV

Polyamide 66

Grupo Repol

Message:

DINALON®PA 6.6 50% FV is a polyamide 66 (nylon 66) product, which contains 50% glass fiber reinforcement. It can be processed by injection molding and is available in Europe.  
Features include:  
flame retardant/rated flame  
Flame Retardant

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 50% filler by weight		
Additive	Flame retardancy		
Features	Flame retardancy		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.57	g/cm³	ASTM D792
Molding Shrinkage - Flow	0.40	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	220	MPa	ASTM D638
Tensile Elongation (Break)	5.0	%	ASTM D638
Flexural Modulus	9500	MPa	ASTM D790
Flexural Strength	280	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact	200	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	300	°C	
Mold Temperature	90.0	°C	

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Recommended distributors for this material

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