

OXNILON 66 13GF

Polyamide 66

Oxford Polymers

Message:

OXNILON 66 13GF is a Polyamide 66 (Nylon 66) material filled with 13% glass fiber. It is available in North America for injection molding.

General Information			
Filler / Reinforcement	Glass Fiber,13% Filler by Weight		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.20	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.50	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	110	MPa	
Break	110	MPa	
Tensile Elongation (Break)	3.0	%	ASTM D638
Flexural Modulus	4.14	MPa	ASTM D790
Flexural Strength	0.159	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	48	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	242	°C	ASTM D648
Melting Temperature	255	°C	
Injection	Nominal Value	Unit	
Processing (Melt) Temp	288 to 304	°C	

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Recommended distributors for this material

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