

OXNILON 66 4IMP

Polyamide 66
Oxford Polymers

Message:

OXNILON 66 4IMP is a Polyamide 66 (Nylon 66) material. It is available in North America for injection molding. Primary attribute of OXNILON 66 4IMP: Impact Modified.

General Information			
Additive	Impact Modifier		
Features	Impact Modified		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.10	g/cm ³	ASTM D792
Molding Shrinkage - Flow	1.5	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	51.7	MPa	ASTM D638
Tensile Elongation (Break)	250	%	ASTM D638
Flexural Modulus	1210	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	210	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	75.0	°C	ASTM D648
Melting Temperature	254	°C	
Injection	Nominal Value	Unit	
Drying Temperature	79.4	°C	
Drying Time	4.0	hr	
Rear Temperature	274 to 282	°C	
Middle Temperature	277 to 288	°C	
Front Temperature	282 to 293	°C	
Nozzle Temperature	282 to 293	°C	
Processing (Melt) Temp	282 to 293	°C	
Mold Temperature	65.6 to 107	°C	

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Recommended distributors for this material

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