

# EPITEC® Nylon-273G

Polyamide 66

Osterman & Company

## Message:

EPITEC®Nylon-273G is a polyamide 66 (nylon 66) material, which contains a 33% glass fiber reinforced material. This product is available in North America. EPITEC®The main characteristics of the Nylon-273G are: flame retardant/rated flame.

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 33% filler by weight		
Appearance	Natural color		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.35	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow	0.30 - 0.50	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (M-Scale)	120		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	138	MPa	ASTM D638
Tensile Elongation (Break)	3.0	%	ASTM D638
Flexural Modulus	9310	MPa	ASTM D790
Flexural Strength	262	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	130	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	249	°C	ASTM D648
Melting Temperature	260	°C	ASTM D789
Flammability	Nominal Value		Test Method
Flame Rating			UL 94
0.75 mm	HB		UL 94
3.0 mm	HB		UL 94

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## Recommended distributors for this material

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