

# Clariant Nylon 6/6 R66G33-L

Polyamide 66

Clariant Corporation

## Message:

Clariant Nylon 6/6 R66G33-L is a Polyamide 66 (Nylon 66) material filled with 33% glass fiber. It is available in North America. Primary attribute of Clariant Nylon 6/6 R66G33-L: Lubricated.

General Information			
Filler / Reinforcement	Glass Fiber,33% Filler by Weight		
Additive	Lubricant		
Features	Lubricated		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.37	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow	0.30 to 0.70	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	131	MPa	ASTM D638
Tensile Elongation (Break)	3.0	%	ASTM D638
Flexural Modulus	7580	MPa	ASTM D790
Flexural Strength	174	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	59	J/m	ASTM D256
Tensile Impact Strength	11.3	kJ/m <sup>2</sup>	ASTM D1822
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	252	°C	
1.8 MPa, Unannealed	246	°C	
Melting Temperature	257 to 264	°C	

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## Recommended distributors for this material

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