

Clariant Nylon 6/6 R66G43-L

Polyamide 66
Clariant Corporation

Message:

Clariant Nylon 6/6 R66G43-L is a Polyamide 66 (Nylon 66) material filled with 43% glass fiber. It is available in North America. Primary attribute of Clariant Nylon 6/6 R66G43-L: Lubricated.

General Information			
Filler / Reinforcement	Glass Fiber,43% Filler by Weight		
Additive	Lubricant		
Features	Lubricated		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.38	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.50	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	145	MPa	ASTM D638
Tensile Elongation (Break)	3.0	%	ASTM D638
Flexural Modulus	8960	MPa	ASTM D790
Flexural Strength	214	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	69	J/m	ASTM D256
Tensile Impact Strength	11.3	kJ/m ²	ASTM D1822
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	252	°C	
1.8 MPa, Unannealed	243	°C	
Melting Temperature	260	°C	

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Recommended distributors for this material

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