

Clariant Nylon 6/12 612-01-L

Polyamide 612
Clariant Corporation

Message:

Clariant Nylon 6/12 612-01-L is a Polyamide 612 (Nylon 612) material. It is available in North America for injection molding. Primary attribute of Clariant Nylon 6/12 612-01-L: Lubricated.

General Information			
Additive	Lubricant		
Features	General Purpose		
	Lubricated		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.07	g/cm ³	ASTM D792
Molding Shrinkage - Flow	1.3	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	51.7	MPa	ASTM D638
Tensile Elongation (Break)	70	%	ASTM D638
Flexural Modulus	1720	MPa	ASTM D790
Flexural Strength	62.1	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	37	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	168	°C	
1.8 MPa, Unannealed	76.7	°C	
Melting Temperature	212	°C	

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Recommended distributors for this material

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