

# Clariant Nylon 6/6 6608G43-L

Polyamide 66

Clariant Corporation

## Message:

Clariant Nylon 6/6 6608G43-L is a Polyamide 66 (Nylon 66) material filled with glass fiber. It is available in North America. Primary attribute of Clariant Nylon 6/6 6608G43-L: Impact Modified.

| General Information               |                 |                   |             |
|-----------------------------------|-----------------|-------------------|-------------|
| Filler / Reinforcement            | Glass Fiber     |                   |             |
| Additive                          | Impact Modifier |                   |             |
| Features                          | Impact Modified |                   |             |
| Forms                             | Pellets         |                   |             |
| Physical                          | Nominal Value   | Unit              | Test Method |
| Specific Gravity                  | 1.40            | g/cm <sup>3</sup> | ASTM D792   |
| Molding Shrinkage - Flow          | 0.50            | %                 | ASTM D955   |
| Mechanical                        | Nominal Value   | Unit              | Test Method |
| Tensile Strength                  | 117             | MPa               | ASTM D638   |
| Tensile Elongation (Break)        | 3.0             | %                 | ASTM D638   |
| Flexural Modulus                  | 7580            | MPa               | ASTM D790   |
| Flexural Strength                 | 172             | 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 |                 |                   | ASTM D648   |
| 0.45 MPa, Unannealed              | 254             | °C                |             |
| 1.8 MPa, Unannealed               | 249             | °C                |             |
| Melting Temperature               | 259             | °C                |             |

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