

# Nymax™ 1308A HS BK13

Polyamide 66

PolyOne Corporation

## Message:

PA66 compound with Heat Stabilized

| General Information                                              |                   |                   |             |
|------------------------------------------------------------------|-------------------|-------------------|-------------|
| Appearance                                                       | Black             |                   |             |
| Processing Method                                                | Injection molding |                   |             |
| Physical                                                         | Nominal Value     | Unit              | Test Method |
| Specific Gravity                                                 | 1.09              | g/cm <sup>3</sup> | ISO 1183    |
| Molding Shrinkage                                                | 1.6 - 2.0         | %                 | ASTM D955   |
| Mechanical                                                       | Nominal Value     | Unit              | Test Method |
| Tensile Strength                                                 | 60.0              | MPa               | ISO 527-2   |
| Flexural Modulus                                                 | 1800              | MPa               | ISO 178     |
| Flexural Strength                                                | 80.0              | MPa               | ISO 178     |
| Impact                                                           | Nominal Value     | Unit              | Test Method |
| Charpy Notched Impact Strength                                   | 20                | kJ/m <sup>2</sup> | ISO 179     |
| Thermal                                                          | Nominal Value     | Unit              | Test Method |
| Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.20 mm) | 60.0              | °C                | ASTM D648   |
| Electrical                                                       | Nominal Value     | Unit              | Test Method |
| Surface Resistivity                                              | > 1.0E+12         | ohms              | ASTM D257   |
| Injection                                                        | Nominal Value     | Unit              |             |
| Drying Temperature                                               | 80.0 - 90.0       | °C                |             |
| Drying Time                                                      | 4.0 - 6.0         | hr                |             |
| Processing (Melt) Temp                                           | 260 - 280         | °C                |             |
| Mold Temperature                                                 | 65.0 - 85.0       | °C                |             |
| Injection instructions                                           |                   |                   |             |

Injection Pressure: MED-HIGHHold Pressure: MED-HIGHScrew Speed: MODERATEBack Pressure: LOW

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