

# Hylox® 9030

Polybutylene Terephthalate

Ravago Manufacturing Americas, LLC

Message:

PBT, 30% Glass Filled

| General Information                |                                  |                   |             |
|------------------------------------|----------------------------------|-------------------|-------------|
| Filler / Reinforcement             | Glass Fiber,30% Filler by Weight |                   |             |
| RoHS Compliance                    | RoHS Compliant                   |                   |             |
| UL File Number                     | E157012                          |                   |             |
| Physical                           | Nominal Value                    | Unit              | Test Method |
| Density                            | 1.53                             | g/cm <sup>3</sup> | ISO 1183    |
| Molding Shrinkage - Flow (3.18 mm) | 0.30 to 0.60                     | %                 | ISO 294-4   |
| Mechanical                         | Nominal Value                    | Unit              | Test Method |
| Tensile Stress (Break)             | 131                              | MPa               | ISO 527-2   |
| Tensile Strain (Break)             | 3.0                              | %                 | ISO 527-2   |
| Flexural Modulus                   | 8770                             | MPa               | ISO 178     |
| Flexural Stress                    | 197                              | MPa               | ISO 178     |
| Impact                             | Nominal Value                    | Unit              | Test Method |
| Notched Izod Impact Strength       | 7.0                              | kJ/m <sup>2</sup> | ISO 180     |
| Thermal                            | Nominal Value                    | Unit              | Test Method |
| Heat Deflection Temperature        |                                  |                   |             |
| 0.45 MPa, Unannealed               | 215                              | °C                | ISO 75-2/B  |
| 1.8 MPa, Unannealed                | 210                              | °C                | ISO 75-2/A  |
| Flammability                       | Nominal Value                    | Test Method       |             |
| Flame Rating (0.710 mm)            | HB                               | UL 94             |             |

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