

# Hybrid B6720

Polycarbonate + PBT

Ravago Manufacturing Americas, LLC

## Message:

PC/PBT, General Purpose, Superior Chemical Resistance

| General Information                      |                          |                   |             |
|------------------------------------------|--------------------------|-------------------|-------------|
| Features                                 | General Purpose          |                   |             |
|                                          | Good Chemical Resistance |                   |             |
| Uses                                     | General Purpose          |                   |             |
| RoHS Compliance                          | RoHS Compliant           |                   |             |
| UL File Number                           | E157012                  |                   |             |
| Physical                                 | Nominal Value            | Unit              | Test Method |
| Density                                  | 1.24                     | g/cm <sup>3</sup> | ISO 1183    |
| Melt Mass-Flow Rate (MFR) (260°C/3.8 kg) | 20                       | g/10 min          | ASTM D1238  |
| Molding Shrinkage - Flow (3.18 mm)       | 1.3 to 1.8               | %                 | ISO 294-4   |
| Mechanical                               | Nominal Value            | Unit              | Test Method |
| Tensile Stress (Break)                   | 48.0                     | MPa               | ISO 527-2   |
| Tensile Strain (Break)                   | 100                      | %                 | ISO 527-2   |
| Flexural Modulus                         | 2070                     | MPa               | ISO 178     |
| Flexural Stress                          | 72.0                     | MPa               | ISO 178     |
| Impact                                   | Nominal Value            | Unit              | Test Method |
| Notched Izod Impact Strength             | 50                       | kJ/m <sup>2</sup> | ISO 180     |

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