

## PP

## PP PPB-ML03

## POLYPROPYLENE IMPACT (BLOCK) COPOLYMER, UV-STABILIZED (PP)

A polypropylene block (impact) copolymer resin with a low melt flow rate, built on a standard low-flow copolymer base with an added UV-stabilizing formulation for components exposed to sunlight.

**Typical Applications:**

- Outdoor automotive parts
- Battery shells
- Packing containers exposed to sunlight
- Toys and travel bags for outdoor use

**Physical Properties**

| Properties                             | Test Method | Typical Value | Unit              |
|----------------------------------------|-------------|---------------|-------------------|
| Melt Mass Flow Rate<br>(230°C/2.16kg)  |             | 2.5 ± 0.5     | g/10 min          |
| Tensile Strength at Yield              |             | 23            | MPa               |
| Notched Izod Impact<br>Strength (23°C) |             | 62            | J/m               |
| Flexural Modulus                       |             | 1030          | MPa               |
| Density                                |             | 0.90 - 0.91   | g/cm <sup>3</sup> |
| Melting Point                          |             | 164 - 170     | °C                |

1. The nominal properties reported herein are typical of the product and do not reflect normal testing variance; they should not be used for specification purposes.

2. Typical values per the producer's published family data table for the base (non-UV) grade in this family; grade-specific certificate of analysis supplied per lot at order. UV-stabilization is a formulation addition and is not expected to materially change the base mechanical/thermal properties shown.