

BE0400

Description

Good flowability and impact strength

Application

lightweight container, Jerrican(~20ℓ)

| Properties | Method | Condition | Unit | BE0400 |
|--------------------------------------|------------|------------------------|-------------------|--------|
| Physical | | | | |
| MFI(5kg) | ASTM D1238 | 190°C, 5kg load | g/10min | 1.1 |
| Density | ASTM D792 | Method A | g/cm ³ | 0.958 |
| Mechanical | | | | |
| Tensile Strength at Yield Point(MPa) | ASTM D638 | 50mm/min | MPa | 30 |
| Elongation at Break Point | ASTM D638 | 50mm/min | % | >500 |
| Flexural Modulus(MPa) | ASTM D790 | Press sheet, 1% Secant | MPa | 1100 |
| Izod Impact Strength(J/m) | ASTM D256 | 23°C, Notched | J/m | 200 |
| Hardeness(Shore D) | ASTM D2240 | Shore D | | 64 |
| ESCR | ASTM D1693 | Condition B | hr | 50 |
| Thermal | | | | |
| Melting Temperature | LG Method | by DSC | °C | 134 |
| Vicat Softening Temperature | ASTM D1525 | A50 | °C | 127 |
| Heat Deflection Temperature | ASTM D648 | 4.6kgf/cm ² | °C | 76 |

Note

The properties data in this table are typical values, and not guaranteed specification.
Typical resin property values are measured on a standard compression molded specimens.

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