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| Grade | BL7300 |
| Product | HDPE |

General Information

Key Features

- Excellent impact resistance, Excellent ESCR
- High molecular weight HDPE

Applications

Large & Medium size container, buoy

| Item | Measuring Method | Unit | Value |
|--------------------------------------|------------------|---------------------|---------|
| Physical | | | |
| Melt Flow Index (21.6kg) | ASTM D1238 | g/10min | 8.0 |
| Density | ASTM D1505 | g/cm ³ | 0.952 |
| Mechanical | | | |
| Tensile Stress (Yield) | ASTM D638 | kgf/cm ² | 250 |
| Tensile Strain (Break) | ASTM D638 | % | ≥500 |
| Flexural Modulus | ASTM D790 | kgf/cm ² | 10,000 |
| Impact | | | |
| Izod Impact Strength(notched) (23°C) | ASTM D256 | kgf·cm/cm | NB |
| Thermal | | | |
| VICAT Softening Temperature | ASTM D1525 | °C | 122 |
| Additional Properties | | | |
| ESCR | ASTM D1693 | F50hr | > 1,000 |

1. Physical Properties : these are not to be construed as specifications
2. ISO 9001, 14001, /TS 16949

* The last update date : 2021/10/01