

Jam HM-8355(BL4)

High Density Polyethylene
Jam Petrochemical Company

Message:

HM-8355(BL4) is a high density polyethylene with 1-Butene as co monomer with general purpose grade for large containers. It is a high molar mass, easily processable, high stiffness strength, good stress cracking resistance and very good molding surface finish grade resin.

Features
High molar mass, easily processable high stiffness strength, good stress Cracking resistance and very good molding surface finish.

Applications
Jerry can
General purpose grade for large container (volume aprox. 1-500 lit)

| General Information | | | |
|---|----------------------------------|-------------------|-------------|
| Additive | Antioxidation | | |
| | Lubricant | | |
| Features | Good ESCR (Stress Crack Resist.) | | |
| | Butene comonomer | | |
| | Rigidity, high | | |
| | High molecular weight | | |
| | Antioxidation | | |
| | Workability, good | | |
| | Lubrication | | |
| | Excellent appearance | | |
| Uses | Container | | |
| | Oil drum | | |
| Forms | Particle | | |
| Physical | Nominal Value | Unit | Test Method |
| Density | 0.951 | g/cm ³ | ISO 1183 |
| Melt Mass-Flow Rate (MFR) | | | ISO 1133 |
| 190°C/21.6 kg | 9.5 | g/10 min | ISO 1133 |
| 190°C/5.0 kg | 0.35 | g/10 min | ISO 1133 |
| Flow Rate Ratio - 21.6/5 | 27.0 | | |
| Swelling Ratio | 110 | % | |
| Impact | Nominal Value | Unit | Test Method |
| Charpy Notched Impact Strength (23°C, Compression Molded) | 10 | kJ/m ² | ISO 179/1eA |

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