

Daelim Po1y® LH-148

High Density Polyethylene

DAELIM INDUSTRIAL CO., LTD.

Message:

Daelim Po1y®LH-148 is a high density polyethylene product. It can be processed by filament extrusion and is available in the Asia Pacific region. Typical application areas are: slings/ropes. The main characteristics are: good processing performance.

| General Information | | | |
|---|-----------------------------------|-------------------|-------------|
| Features | Workability, good | | |
| Uses | Rope | | |
| Agency Ratings | ASTM D 1248, III, Class A, Cat. 3 | | |
| Forms | Particle | | |
| Processing Method | Filament extrusion | | |
| Physical | Nominal Value | Unit | Test Method |
| Density | 0.943 | g/cm ³ | ASTM D1505 |
| Melt Mass-Flow Rate (MFR) (190°C/2.16 kg) | 1.2 | g/10 min | ASTM D1238 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength ¹ (Yield) | 26.0 | MPa | ASTM D638 |
| Tensile Elongation ² (Break) | 900 | % | ASTM D638 |
| Flexural Modulus | 981 | MPa | ASTM D790 |
| Thermal | Nominal Value | Unit | Test Method |
| Brittleness Temperature | -118 | °C | ASTM D746 |
| Additional Information | | | |
| Ultimate Elongation, ASTM D-638, Type VI Spec, 50 mm/min: >900%Brittle Temperature, ASTM D-746: <-118°C | | | |
| Extrusion | Nominal Value | Unit | |
| Melt Temperature | 250 | °C | |
| NOTE | | | |
| 1. | 50 mm/min | | |
| 2. | 50 mm/min | | |

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