

Daelim Po1y® XP9000

Metallocene Medium Density Polyethylene

DAELIM INDUSTRIAL CO., LTD.

Message:

Daelim Po1y®XP9000 is a Metallocene Medium Density Polyethylene product. It is available in Europe or Asia Pacific. Daelim Po1y®The application areas of XP9000 include food contact applications and water pipes/pipes/drinking water.

Features include:

Good processability

processing aids

Antioxidants

beautiful

Impact resistance

| General Information | | | |
|--|-----------------------------------|-------------------|-------------|
| Additive | Processing aid | | |
| | Antioxidation | | |
| Features | Antioxidation | | |
| | Workability, good | | |
| | Low temperature impact resistance | | |
| | Good appearance | | |
| Uses | Piping system | | |
| Agency Ratings | FDA 21 CFR 177.1520 | | |
| Physical | Nominal Value | Unit | Test Method |
| Density | 0.935 | g/cm ³ | ASTM D1505 |
| Melt Mass-Flow Rate (MFR) (190°C/2.16 kg) | 0.60 | g/10 min | ASTM D1238 |
| Environmental Stress-Cracking Resistance (Compression Molded, F50) | > 10000 | hr | ASTM D1693B |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength (Break, Compression Molded) | 39.2 | MPa | ASTM D638 |
| Tensile Elongation (Break, Compression Molded) | 850 | % | ASTM D638 |
| Flexural Modulus (Compression Molded) | 588 | MPa | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact (-30°C, Compression Molded) | 98 | J/m | ASTM D256 |
| Thermal | Nominal Value | Unit | Test Method |
| Vicat Softening Temperature | 122 | °C | ASTM D1525 |
| Peak Melting Temperature | 125 | °C | ASTM D3418 |
| Optical | Nominal Value | Test Method | |
| Gloss (45°, Compression Molded) | 75 | ASTM D2457 | |

| Extrusion | Nominal Value | Unit |
|------------------|---------------|------|
| Melt Temperature | 180 - 220 | °C |

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