

Braskem PE LD5010FC

Low Density Polyethylene

Braskem

Message:

LD5010FC is a low density polyethylene that contains low gel content and no additives, developed for wires and cables applications.

Applications:

General purpose for wires and cables.

Process:

Wires and cables extrusion.

| General Information | | | |
|------------------------------------------------|----------------------------------------|------------------------|-------------------------|
| Features | Low speed solidification crystal point | | |
| | General | | |
| | No additive | | |
| Uses | Wire and cable applications | | |
| | General | | |
| Processing Method | | Wire & Cable Extrusion | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 0.920 | g/cm ³ | ASTM D792 |
| 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 | | | ASTM D638 |
| Yield, molding | 12.0 | MPa | ASTM D638 |
| Fracture, molding | 11.0 | MPa | ASTM D638 |
| Tensile Elongation (Break, Compression Molded) | 800 | % | ASTM D638 |
| Thermal | Nominal Value | Unit | Test Method |
| Vicat Softening Temperature | 90.0 | °C | ASTM D1525 ¹ |
| Peak Melting Temperature | 113 | °C | ASTM D3418 |
| NOTE | | | |

1. 标准 B (120°C/h), 压 力1 (10N)

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