

Polyethylene

F1820Q



Linear Low Density Polyethylene

Descriptions

F1820Q is a butene-1 copolymerized linear low density polyethylene intended for films, without anti-block and slip agent. It has excellent processing ability, good tensile properties, impact strength and optical properties.

Typical Applications

Typical applications include agriculture films, liners, laminated and coextruded films, stretch films and compounding.

Typical Properties

| Property | Units | Value* | Test Method |
|--------------------------------------|-------------------|--------|---------------------------|
| Melt flow rate MFR (190°C/2.16kg) | g/10min | 2.0 | ASTM D 1238 |
| Density | kg/m ³ | 918 | ASTM D 792 ASTM D 4703 |
| Tensile strength at yield** | MPa | 12 | ASTM D 638 |
| Tensile strength at break** | MPa | 18 | ASTM D 638 |
| Elongation at break** | % | 730 | ASTM D 638 |
| Dart drop impact strength | g | 70 | ASTM D 1709 |
| Haze | % | 13.8 | ASTM D 1003 |
| Glossy | % | 62 | ASTM D 2457 |

*Typical value for guideline only and should not be construed as specifications.

**Tensile speed: 500mm/min

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