

InnoPlus LD2426H

Low Density Polyethylene
PTT Global Chemical Public Company Limited

Message:

InnoPlus LD2426H is produced by high pressure tubular process, a technology licensed by LyondellBasell. This grade offers easy processability, excellent optical property and low gel level.

| General Information | | | |
|--|---------------------|-------------------|-------------|
| Additive | Antiblock | | |
| | Slip | | |
| Features | Antiblocking | | |
| | Good Processability | | |
| | Low Gel | | |
| | Opticals | | |
| | Slip | | |
| Uses | Film | | |
| | Food Packaging | | |
| | Laminates | | |
| | Microfoamed Sheet | | |
| Physical | Nominal Value | Unit | Test Method |
| Density | 0.924 | g/cm ³ | ISO 1183 |
| Melt Mass-Flow Rate (MFR) (190°C/2.16 kg) | 1.9 | g/10 min | ISO 1133 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Modulus (Compression Molded) | 260 | MPa | ISO 527-2 |
| Tensile Stress (Yield, Compression Molded) | 11.0 | MPa | ISO 527-2 |
| Films | Nominal Value | Unit | Test Method |
| Film Thickness - Tested | 50 | µm | ISO 527-3 |
| Tensile Stress | | | |
| MD : Break, 50 µm, Blown Film | 19.0 | MPa | |
| TD : Break, 50 µm, Blown Film | 16.0 | MPa | |
| Tensile Elongation | | | ISO 527-3 |
| MD : Break, 50 µm, Blown Film | 250 | % | |
| TD : Break, 50 µm, Blown Film | 560 | % | |
| Dart Drop Impact (50 µm, Blown Film) | 110 | g | ASTM D1709 |
| Thermal | Nominal Value | Unit | Test Method |
| Vicat Softening Temperature | 94.0 | °C | ISO 306 |
| Melting Temperature | 111 | °C | ISO 11357-3 |

| Optical | Nominal Value | Unit | Test Method |
|----------------------------------|---------------|------|-------------|
| Gloss (20°, 50.0 µm, Blown Film) | > 80 | | ASTM D2457 |
| Haze (50.0 µm, Blown Film) | < 9.0 | % | ASTM D1003 |

| Extrusion | Nominal Value | Unit |
|------------------|---------------|------|
| Melt Temperature | 160 to 200 | °C |

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