

TITANCEED® mL1061

Linear Low Density Polyethylene
Lotte Chemical Titan (M) Sdn. Bhd.

Message:

TITANCEED® mL1061 is a Linear Low Density Polyethylene material. It is available in Asia Pacific for film extrusion.

Important attributes of TITANCEED® mL1061 are:

- Antiblock
- Antioxidant
- Hexene Comonomer
- Impact Resistant
- Puncture Resistant
- Typical applications include:
 - Bags/Liners
 - Film
 - Packaging

| General Information | | | |
|---|------------------------|-------------------|-------------|
| Additive | Antiblock | | |
| | Antioxidant | | |
| | Slip | | |
| Features | Antiblocking | | |
| | Antioxidant | | |
| | Good Drawdown | | |
| | Good Impact Resistance | | |
| | Good Strength | | |
| | Hexene Comonomer | | |
| | Puncture Resistant | | |
| | Slip | | |
| Uses | Bags | | |
| | Film | | |
| | Liners | | |
| | Packaging | | |
| Forms | Pellets | | |
| Processing Method | Film Extrusion | | |
| Physical | Nominal Value | Unit | Test Method |
| Density | 0.918 | g/cm ³ | ASTM D1505 |
| Melt Mass-Flow Rate (MFR) (190°C/2.16 kg) | 1.0 | g/10 min | ASTM D1238 |
| Films | Nominal Value | Unit | Test Method |
| Film Thickness - Tested | 25 | µm | |
| Secant Modulus | | | ASTM D882 |

| 1% Secant, MD : 25 μm, Blown Film | 147 | MPa | |
|--------------------------------------|---------------|------|-------------|
| 1% Secant, TD : 25 μm, Blown Film | 157 | MPa | |
| Tensile Strength | | | ASTM D882 |
| MD : Break, 25 μm,Blown Film | 53.9 | MPa | |
| TD : Break, 25 μm,Blown Film | 34.3 | MPa | |
| Tensile Elongation | | | ASTM D882 |
| MD : Break, 25 μm,Blown Film | 4500 | % | |
| TD : Break, 25 μm,Blown Film | 500 | % | |
| Dart Drop Impact (25 μm, Blown Film) | 550 | g | ASTM D1709 |
| Elmendorf Tear Strength | | | ASTM D1922 |
| MD : 25 μm, Blown Film | 330 | g | |
| TD : 25 μm, Blown Film | 380 | g | |
| Optical | Nominal Value | Unit | Test Method |
| Gloss (45°, 25.0 μm, Blown Film) | 38 | | ASTM D2457 |
| Haze (25.0 μm, Blown Film) | 17 | % | ASTM D1003 |
| Extrusion | Nominal Value | Unit | |
| Melt Temperature | 180 to 200 | °C | |

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