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Polyethylene LDPE LD 0304

Technical data sheet
Low Density Polyethylene EXTRUSION COATING
Produced in Europe

Description

LDPE LD 0304 is a low density polyethylene made by a high pressure autoclave process without antioxidant. Application examples: coating of paper, paperboard, aluminium.

Characteristics

| Property | Method | Unit | Typical value |
|--------------------------------|-----------|-------------------|---------------|
| Density | ISO 1183 | g/cm ³ | 0.924 |
| Melt Flow Rate (190°C/2.16 kg) | ISO 1133 | g/10 min | 4 |
| Melting temperature | ISO 11357 | °C | 111 |
| Vicat temperature | ISO 306 | °C | 95 |

Values indicated are typical for this product. Density and MFR are properties routinely measured during "the standard quality control procedure". The other figures are generated by tests not included in the "standard quality control procedure", and are given for information only. Data are not intended for specification purposes.

Mechanical properties

| Property | Method | Unit | Typical value (*) |
|---------------------------|-----------|------|-------------------|
| Tensile Strength at Yield | ISO 527-2 | MPa | 11 |
| Tensile Strength at Break | ISO 527-2 | MPa | 13 |
| Elongation at Break | ISO 527-2 | % | 550 |
| Modulus of Elasticity | ISO 527-2 | MPa | 250 |

(*) Figures stated hereabove are measured on a moulded plate.