

Low Density Polyethylene

For Extrusion Film

Density 0.922

Melt Index 0.4

| Physical Properties | Method | Unit | Result |
|--|-------------------|--------------------------|------------------|
| Melt Index | ASTM D1238 | g/10min | 0.4 |
| Density | ASTM D1505 | g/cm³ | 0.922 |
| Vicat Softening Point | ASTM D1525 | °C | 97 |
| Tensile Strength at Break Machine Direction / Transverse Direction | ASTM D882 | Kg/cm² | 220/200 |
| Ultimate elongation Machine Direction / Transverse Direction | ASTM D882 | % | 490/620 |
| 1% Secant modulus Machine Direction / Transverse Direction | ASTM D882 | Kg/cm² | 1800/2000 |
| Elmendorf tear strength Machine Direction / Transverse Direction | ASTM D1922 | g/μm | 9/8.5 |
| Dart Drop Impact | ASTM D1709 | g/μm | 3 |
| Haze | ASTM D1003 | % | 17 |
| Gloss 60° angle | ASTM D2457 | | 60 |

Conversions: 1 MPa=10.2 kgf/cm²

APPLICATIONS: Low Haze Heavy Duty Film, Shrink Film,
Construction Film

ADDITIVES : Barefoot

FEATURES : Excellent mechanical properties and good processability

Processing Conditions:

Melt Temperature : 160 - 190°C

BUR : 2.5:1