



Low Density Polyethylene (LDPE) - Film - LFI2125A

| Property | Unit | Test | Value |
|---|-------------|---------------|----------|
| MFI (190 0C /2 .16 Kg) | | ISO 1183 (A) | ISO 1133 |
| Density | | | 2.5 |
| Mechanical properties | | | 921 |
| Impact strength | dg/min | ASTM D 4272 | |
| Tear strength (TD) | Kg/m3 | ISO 6383-2 | 23 |
| Tear Strength (MD) | | ISO 6383-2 | 25 |
| Yield stress (TD) | KJ/m | ISO 527 | 70 |
| Yield stress (MD) | KN/m | ISO 527 | 11 |
| Tensile Stress at break (TD) | KN/m | ISO 527 | 13 |
| Tensile Stress at break (MD) | MPa | ISO 527 | 19 |
| Strain at Break (TD) | MPa | ISO 527 | 30 |
| Strain at Break (MD) | MPa | ISO 527 | >500 |
| Modulus of Elasticity (TD) | MPa | ISO 527 | >100 |
| Modulus of Elasticity (MD) | % | ISO 527 | 180 |
| Coefficient of friction | % | | 190 |
| Blocking | MPa | SABTEC method | 0.2 |
| Re-blocking | MPa | SABTEC method | <5 |
| Optical properties | ASTM D 1894 | | 0 |
| Haze | g | ASTM D 1003A | |
| Gloss(45o) | g | ASTM D 2457 | 9 |
| Clarity | | | 60 |
| Additive: Antioxidant , Slip agent, Anti blocking agent | % | | 30 |
| | % | | |