

LDPE L2100TN00

Application

Grade with excellent toughness and tear strength and outstanding shrink properties.very low energy consumption during processing and has excellent draw down ability.The material contains no additives and is suitable for application in shrinkhoods, industrial sacks ,heavy duty carrier bags and liners.

Typical Data

| Properties | Value | Unit | Test Method |
|------------------------------|-------|-------------------|---------------|
| Polymer Properties | | | |
| Melt Flow Rate | 0.3 | dg/min | |
| Density | 921 | kg/m ³ | |
| Optical Properties | | | |
| Gloss (45°) | 46 | % | ASTM D 2457 |
| Haze | 12 | % | ASTM D 1003A |
| Clarity | 65 | mV | SABTEC method |
| Mechanical Properties | | | |
| Impact strength | 35 | kJ/m | ASTM D 4272 |
| Tear strength TD | 25 | kN/m | |
| Tear strength MD | 20 | kN/m | |
| Tensile test | | | |
| Yield stress TD | 11 | MPa | |
| Yield Stress MD | 12 | MPa | |
| Tensile Stress at break TD | 26 | MPa | |
| Tensile Stress at break MD | 29 | MPa | |
| Strain at break TD | > 500 | % | |
| Strain at break MD | > 200 | % | |
| Modulus of elasticity TD | 190 | MPa | |
| Modulus of elasticity MD | 180 | MPa | |
| Coefficient of friction | 0.7 | | ASTM D 1894 |
| Blocking | < 5 | g | |
| Re-Blocking | 30 | g | |

* Film properties have been measured at 45 µm films

