

Technical Datasheet

- **Grade Name:** LLDPE 22B03
- **Categories:** Polymer, Thermoplastic, Polyethylene, Linear Low-Density Polyethylene
- **Processing Methods :**Blown Film
- **Applications:** High stiffness blown films, blending, Lamination/film, Miscellaneous, General purpose cast stretch films, W&C blend, cast stiff film, diaper backing film

| Physical Properties | | | |
|-------------------------------|---------|-------------------|---------------|
| Properties | Value | Unit | Test Method |
| MFI(190°C/2.16 KG) | 2.8-3.2 | g/10min | ISO 1133 |
| Density | 0.922 | g/cm ³ | ISO 1183 |
| Mechanical Properties | | | |
| Properties | Value | Unit | Test Method |
| Elmendorf Tear Strength, MD | 35 | gr/25μm | ASTM D1922-09 |
| Elmendorf Tear Strength, TD | 325 | gr/25μm | ASTM D1922-09 |
| Elongation at Break, MD | 780 | % | ASTM D882-10 |
| Elongation at Break, TD | 990 | % | ASTM D882-10 |
| Tensile Strength at Break, MD | 54 | MPa | ASTM D882-10 |
| Tensile Strength at Break, TD | 36 | MPa | ASTM D882-10 |
| Tensile Strength at Yield, MD | 18 | MPa | ASTM D882-10 |
| Tensile Strength at Yield, TD | 21 | MPa | ASTM D882-10 |
| Impact Strength, Dart | 70 | gr | ASTM D1709 |

Typical Properties: These values are not to be considered as product specifications.

