



PRODUCT DATA SHEET

| Product Category | Product Name | Grade |
|------------------|-------------------------|-------------|
| POPOLYMER | POLYPOLYETHYLENE - LDPE | 2102102TX00 |

| PROPERTY | Test Method | Unit | Value |
|--------------------------|-----------------|-------------------|--------|
| MFI | ISO 1133 | g/10 min | 1.9 |
| Density | ISO 1183 (A) | Kg/m ³ | 921 |
| Haze | ASTM D 1003 (A) | % | 11 |
| Clarity | DSM Method | mV | 29 |
| Gloss | ASTM D2457 | % | 50±5 |
| Anti Oxidant | DSM Method | ppm | 600±60 |
| Anti Block | - | ppm | - |
| Slip | - | ppm | - |
| Impact Strength | ASTM D4272 | kJ/m | 26 |
| Tear strength TD | ISO 6383-2 | KN/m | 25 |
| Tear strength MD | ISO 6383-2 | KN/m | 60 |
| Yield Stress TD | ISO R527-1 | MPa | 11 |
| Yield Stress MD | ISO R527-1 | MPa | 13 |
| Tensile strength TD | ISO R527-1 | MPa | 20 |
| Tensile strength MD | ISO R527-1 | MPa | - |
| Elongation @ break TD | ISO R527-1 | % | >500 |
| Elongation @ break MD | ISO R527-1 | % | >150 |
| Modulus of elasticity TD | ISO R527-1 | MPa | 200 |
| Modulus of elasticity MD | ISO R527-1 | MPa | 190 |
| Co efficient of friction | ASTM D1894 | - | >1.0 |

Application: It is used in wide range of widths and thicknesses e.g. for punches, bags, liners and lamination film.

Packaging: 25 Kg plastic bag