

NAME: 2102TX00

Product Description:

LDPE 2102TX00 GP film

Application:

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

Typical data. (Table)

| Property | Unit | Value | Method |
|--------------------------|-------------------|--------|--------------|
| Physical | | | |
| MFI | Dg/m in | 1.9 | ISO 1133 |
| Density | kg/m ³ | 921 | ISO 1183 (A) |
| optical | | | |
| Haze | % | 11 | ASTM D1003A |
| Clarity | mV | 29 | DSM METHOD |
| Gloss | % | 50 ±5 | ASTM D2457 |
| Formulation | | | |
| Anti-oxidant | ppm | 600±60 | DSM METHOD |
| Anti-block | ppm | - | |
| slip | ppm | - | |
| Film property | | | |
| Impact Strength | kJ/m | 26 | ASTM D4272 |
| Tear Strength TD | KNf m | 25 | ISO 6383-2 |
| Tear Strength MD | KNf m | 60 | ISO 6383-2 |
| Yield Stress TD | MPa | 11 | ISO R527-1 |
| Yield Stress MD | MPa | 13 | ISO R527-1 |
| Tensile Strength TD | MPa | 20 | ISO R527-1 |
| Tensile Strength MD | MPa | - | ISO R527-1 |
| Elongation at break TD | % | >500 | ISO R527-1 |
| Elongation at break MD | % | >150 | ISO R527-1 |
| Modulus of elasticity TD | MPa | 200 | ISO R527-1 |
| Modulus of elasticity MD | MPa | 190 | ISO R527-1 |
| Coefficient of friction | | >1.0 | ASTM D1894 |