



SPECIFICATION SHEET

Applications: The grade has an excellent draw down ability. The material offers very good optical properties. It is therefore used in very thin films requiring good optical properties for general packaging applications, e.g. covering film with a very Low blocking tendency.

Additives: Anti-oxidant - Anti block - Slip agent

Trade Name: LDPE 2404TC47

| PROPERTY | VALUE | UNIT | TEST METHOD |
|-------------------------------------|-------|--------|---------------|
| <u>Polymer Properties</u> | | | |
| Melt Flow Rate | 4.7 | dg/min | |
| Density | 924 | kg/m | |
| <u>Formulation</u> | | | |
| Slip | 1000 | ppm | |
| Anti-block | 2000 | ppm | |
| <u>Optical Properties</u> | | | |
| Gloss (45) | 50 | % | ASTM D 2457 |
| Haze | 12 | % | ASTM D 1003A |
| Clarity | 28 | mV | SABTEC method |
| <u>Mechanical Properties</u> | | | |
| Impact strength | 13 | kJ/m | ASTM D 4272 |
| Tear strength TD | 30 | kN/m | |
| Tear strength MD | 90 | kN/m | |
| <u>Tensile test</u> | | | |
| Yield stress TD | 13 | MPa | |
| Yield Stress MD | 13 | MPa | |
| Tensile Stress at break TD | 16 | MPa | |
| Tensile Stress at break MD | 27 | MPa | |
| Strain at break TD | >450 | % | |
| Strain at break MD | 100 | % | |
| Coefficient of friction | 0.2 | | ASTM D 1894 |
| Blocking | <5 | g | |