



Provisional

# JF19010 JF18010

## LINEAR LOW DENSITY POLYETHYLENE BLOWN FILM GRADE

These are Butene comonomer based Linear Low Density Polyethylene (LLDPE), with optimum levels of antioxidants. The grades are designed for blown film applications. They have excellent draw down characteristics with very good impact strength and tear resistance.

**JF19010:** With Slip & Antiblock

**JF18010:** Without Slip & Antiblock

### TYPICAL CHARACTERISTICS\*

| PROPERTY  | TEST METHOD | UNIT      | TYPICAL VALUE |
|---|-------------|-----------|---------------|
| Density (23°C)  | ASTM D 1505 | g/cc      | 0.918         |
| Melt Flow Index (190°C / 2.16 Kg)                       | ASTM D 1238 | g/10 min. | 1.0           |
| <b>Film Properties**</b>                                |             |           |               |
| Tensile Strength at Yield (MD / TD)                     | ASTM D 882  | MPa       | 13.0 / 14.0   |
| Ultimate Tensile Strength (MD / TD)                     | ASTM D 882  | MPa       | 50.0 / 36.0   |
| Elongation at Break (MD / TD)                           | ASTM D 882  | %         | 800 / 1000    |
| Dart Impact Strength, F50<br>(38 mm dart, 66 cm height) | ASTM D 1709 | g/ mic.   | 3.7           |
| Haze  | ASTM D 1003 | %         | 13            |
| Tear Strength (MD / TD)                                 | ASTM D 1922 | g/μm      | 5.0 / 15.0    |

\* Typical characteristics and not to be taken as specifications

\*\* Typical properties measured on 40 μm film made with 1.8 mm die gap & 2.50 BUR on JF18010

### APPLICATIONS:

Mono & Multilayer Blown films for liner bags, lamination films, films for liquid packaging and consumer packaging. Non Slip & Anti block grades for Stretch Cling films, Lamination & Protection films

### Regulatory Information

For various regulatory and food contact certifications / declarations please contact RIL representative.

### Storage Recommendations

- Bags should be stored in dry/closed conditions at temperatures below 50°C and protected from UV / direct sunlight.

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