



JF19020
JF18020

LINEAR LOW DENSITY POLYETHYLENE
FILM EXTRUSION GRADE

Provisional

This is butene based Linear Low Density Polyethylene grade with Optimum level of Antioxidants and is designed for good processing on Blown and Cast Film lines with balanced mechanical & optical Properties

JF19020: With Slip & Anti block

JF18020: Without Slip & Anti block

Typical Characteristics*

| Property | Typical Value** | Unit | Test Method |
|---|-----------------|-------------------|-------------|
| Density (23°C) | 0.918 | g/cm ³ | ASTM D 792 |
| Melt Flow Index (190°C / 2.16 Kg) | 2.0 | g/10 min. | ASTM D 1238 |
| Film Properties | | | |
| Tensile Strength at Yield (MD / TD) | 12 / 10 | MPa | ASTM D 882 |
| Tensile Strength at Break (MD/TD) | 36 / 28 | MPa | ASTM D 882 |
| Elongation at Break (MD / TD) | 800 / 950 | % | ASTM D 882 |
| Dart Impact Strength, F50 (38 mm dart, 66 cm height) | 2.25 | g/μm | ASTM D 1709 |
| Haze | 15 | % | ASTM D 1003 |
| Gloss (60°) | 50 | % | ASTM D 2457 |
| Tear Strength (MD / TD) | 2.5 / 7.5 | g/μm | ASTM D 1922 |

* Typical characteristics and not to be taken as specifications

** Typical values of 40 μ film made with 1.8 mm die gap & 2.5 BUR on JF18020.

APPLICATIONS:

Blown & Cast Films. For Co extrusion, Lamination, Mulch films for Agriculture, Shopping bags, Liners, Protection films, Bubble wrap films & other packaging 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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