



Provisional

JF19020
JF18020

**LINEAR LOW DENSITY POLYETHYLENE
FILM EXTRUSION GRADE**

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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Updated as of April 2017