



Provisional

1020FS20

LOW DENSITY POLYETHYLENE FILM GRADE

1020FS20 is a film grade Low Density Polyethylene (LDPE). It contains slip additive. It can be processed easily on blown film lines.

TYPICAL CHARACTERISTICS*

PROPERTY	TEST METHOD	UNIT	TYPICAL VALUE**
Density (23°C)	ASTM D 792	g/cc	0.920
Melt Flow Index (190°C / 2.16 Kg)	ASTM D 1238	g/10 min.	2.0
Tensile Strength at Break (MD / TD)	ASTM D 882	MPa	20.0 / 19.0
Elongation at Break (MD / TD)	ASTM D 882	%	275 / 425
Dart Impact Strength (F50)	ASTM D 1709/A	g / μ m	3.0

* Typical characteristics and not to be taken as specifications

** Typical value (Mechanical) with 40 μ film made with 0.7 mm die gap & 2.0 BUR

APPLICATIONS:

Slip grade for mono and co-extruded films for packaging.

Regulatory Information

- Meets the requirements stipulated in standard IS : 10146 on "Specification for Polyethylene for safe use in contact with foodstuffs, pharmaceuticals, and drinking water". It also conforms to the positive list of constituents as prescribed in IS : 10141. The grade and the additives incorporated in it also comply with the FDA: CFR Title 21,177.1520, Olefin polymers.

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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