



1020FA20

LOW DENSITY POLYETHYLENE FILM GRADE

1020FA20 is a film grade and can be processed easily on conventional blown film lines. The grade is manufactured without any slip additive to facilitate adhesion during lamination.

TYPICAL CHARACTERISTICS*

| PROPERTY | TEST METHOD | UNIT | TYPICAL VALUE** |
|-------------------------------------|---------------|-------------|-----------------|
| Density (23OC) | ASTM D 792 | g/cc | 0.920 |
| Melt Flow Index (1900 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 & 2.5 BUR

APPLICATIONS:

Adhesive lamination film / Foam film

Regulatory Information

- Meets the requirement stipulated in standard IS: 10146 on "Specification for Polyethylene for safe use in contact with foodstuff, pharmaceutical, 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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