



## 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 (190O 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 / $\mu$ m | 3.0             |

\* Typical characteristics and not to be taken as specifications

\*\* Typical value (Mechanical) with 40  $\mu$  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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