



I020FA20

LOW DENSITY POLYETHYLENE FOR LAMINATION FILM APPLICATIONS

I020FA20 is a film grade Low Density Polyethylene (LDPE) produced by high pressure autoclave process. It can be extruded with considerable ease on any conventional LDPE extruder. The polymer is manufactured without any slip additive to facilitate adhesion during lamination.

Typical Characteristics*			
Property	Test Method	Unit	Typical Value**
Melt Flow Index (190°C/2.16 kg)	ASTM D1238	gm/10 min	2.0
Density (23°C)	ASTM D1505	gm/cm ³	0.920
Tensile Strength at Break (MD/TD)	ASTM D882	MPa	20/19
Elongation at Break (MD/TD)	ASTM D882	%	275/425
Dart Drop Impact (F-50)	ASTM D1709/A	g/μm	3

*Typical Characteristics and not to be taken as specifications

** Typical Values (Mechanical) with 40 μ film made with 1 mm die gap & 2.0 BUR

Applications

Adhesive lamination film, foam film.

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.