



# I070LA17

## LOW DENSITY POLYETHYLENE FOR EXTRUSION COATING AND FILM APPLICATIONS

I070LA17 is an extrusion coating grade Low density Polyethylene (LDPE) produced by high pressure autoclave process. This grade is specially developed for extrusion coating on different substrates and contains no additives. It exhibits excellent drawdown characteristics maintaining good adhesion, with very low neck-in even at high line speeds. It can also be easily processed into thin gauge films for adhesive lamination and heat and pressure lamination.

Typical Characteristics*			
Property	Test Method	Unit	Typical Value**
Melt Flow Index (190°C/2.16 kg)	ASTM D1238	gm/10 min	7.0
Density (23°C)	ASTM D1505	gm/cm <sup>3</sup>	0.917
Tensile Strength at Break (MD/TD)	ASTM D882	MPa	18/15
Elongation at Break (MD/TD)	ASTM D882	%	250/400

\*Typical Characteristics and not to be taken as specifications

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

### APPLICATIONS

Extrusion coating, heat & pressure lamination 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.