



22FA002

LOW DENSITY POLYETHYLENE HEAVY DUTY FILM APPLICATIONS

22FA002 is a film grade Low Density Polyethylene (LDPE) produced by high pressure tubular process. It has been specially designed for the production of film with good environmental stress crack resistance, mechanical and impact resistance. Film produced from this grade is ideally suitable for heavy duty applications.

Typical Characteristics*			
Property	Test Method	Unit	Typical Value**
Melt Flow Index (190°C/2.16 kg)	ASTM D1238	gm/10 min	0.2
Density (23°C)	ASTM D1505	gm/cm ³	0.920
Tensile Strength at Break (MD/TD)	ASTM D882	MPa	26/24
Elongation at Break (MD/TD)	ASTM D882	%	400/600
Dart Impact Strength (F-50)	ASTM D1709/A	g/μm	5.5

*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

Heavy duty bags, shrink film, canal lining, greenhouse film.

Regulatory Information

- Meets the requirements stipulated in standard IS : 10146-1982 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 : 10141-1982. 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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