



24FA040

LOW DENSITY POLYETHYLENE FOR FILM AND FOAM SHEET APPLICATIONS

Relene 24FA040 is a Low Density Polyethylene (LDPE) grade produced by high pressure tubular process. It does not contain Slip and Antiblock and can be extruded on any conventional LDPE extruder with ease.

TYPICAL CHARACTERISTICS*

PROPERTY	TEST METHOD	UNIT	TYPICAL VALUE**
Melt Flow Index (190°C / 2.16 Kg)	ASTM D 1238	g/10 min.	4.0
Density (@ 23°C)	ASTM D 1505	g/cc	0.922
Tensile Strength at Break (MD/TD)	ASTM D 882	MPa	18/16
Elongation @ Break (MD/TD)	ASTM D 882	%	250/400
Dart Impact Strength (F-50)	ASTM D 1709/A	g/μm	2.0

*Typical characteristics are not to be taken as specifications.

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

APPLICATIONS :

Non slip grade for Films, Foam Sheets

Regulatory Information

Meets the requirement 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 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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