



# 24FS040 24FA040

## LOW DENSITY POLYETHYLENE FOR GENERAL PURPOSE FILM APPLICATIONS

These are blown film grades and can be extruded with considerable ease. 24FS040 has been blended with necessary additives during manufacture to obtain good surface slip and easy open-ability between two layers of the film.

**24FS040**- with Slip additive.

**24FA040**- without Slip additive

### TYPICAL CHARACTERISTICS\*

PROPERTY	TEST METHOD	UNIT	TYPICAL VALUE**
Density (23°C)	ASTM D 792	g/cc	0.922
Melt Flow Index (190°C / 2.16 Kg)	ASTM D 1238	g/10 min.	4.0
Tensile Strength at Break (MD/TD)	ASTM D 882	MPa	18/16
Elongation at Break (MD/TD)	ASTM D 882	%	250/400
Dart Impact Strength (F <sub>50</sub> )	ASTM D 1709/A	g/mic.	2.0

\* Typical characteristics and not to be taken as specifications

\*\* Typical properties measured on 40 µm film made with 1.8 mm die gap & 2.5 BUR.

### APPLICATIONS:

High slip grade for shopping bags, general purpose packaging. Non Slip grade can be used for Lamination and bubble wrap applications.

### 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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