

# RELENE® 24FA040

Low Density Polyethylene

Reliance Industries Limited

## Message:

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.

General Information	
Features	Compliance of Food Exposure
Uses	Films
	Foam
	Sheet
Agency Ratings	FDA 21 CFR 177.1520
	IS 10141-1982
	IS 10146-1982
Processing Method	Film extrusion
	Sheet extrusion molding

Physical	Nominal Value	Unit	Test Method
Density	0.922	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	4.0	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D882
MD: Broken, 40 µm, blown film	18.0	MPa	ASTM D882
TD: Broken, 40 µm, blown film	16.0	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Broken, 40 µm, blown film	250	%	ASTM D882
TD: Broken, 40 µm, blown film	400	%	ASTM D882
Dart Drop Impact (40 µm, Blown Film)	80	g	ASTM D1709A

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