

LDPE LDC 770

Low Density Polyethylene



Overview

LDC 770 is a general-purpose low density polyethylene resin recommended for coating applications. It is designed for high speed coating on an assortment of substrates.

Applications

- Flexible packaging
- Laminating
- Coating for paper
- Foil
- Cellophane
- Polyester film

Property	Value	Unit	ASTM
Melt index (condition 230°C/2.16 kg)	7	g/10 min	D 1238
Density (g/cm ³)	0.918	g/cm ³	D 792
Tensile Strength	1700	psi	D638
Elongation	550	%	D638
Flexural Stiffness	30000	psi	D790
Vicat Softening Point	84	°C	D1525
Hardness, Shore D	50		D2240

LDC 770 meets the requirements of the Food and Drug Administration, regulations 21 CFR 177.1520 and 21 CFR 176.170.