

LDPE LL4M 850

Linear Low Density Polyethylene



Overview

LDPE LL4M 850 offers outstanding toughness and tear resistance in freezer applications.

Applications

- Freezer lids
- Housewares
- Closures
- Dispensers
- Protective caps

Property	Value	Unit	ASTM
Melt index (condition 230°C/2.16 kg)	50	g/10 min	D 1238
Density (g/cm ³)	0.925	g/cm ³	D 792
Melting point	123	°C	D3418
Tensile Strength at Yield	1620	psi	D882
Tensile Break Elongation	90	%	D638
Tensile Impact @ -40°C	222	KJ/M2	D1822
Flexural Modulus - 1% Secant	38450	psi	D790
Vicat Softening Temperature	91.8	°F	D1525
Brittleness Temperature	<-70	°C	D746
Environmental Stress Crack (F50)	<1	hours	D1693

Additives: No Slip, No Antiblock