

LDPE LL4M 820

Linear Low Density Polyethylene



Overview

LDPE LL4M 820 offers outstanding toughness and tear resistance in freezer applications. LL4M 820 can - in principle - be used in food contact applications in the USA (FDA) and in Canada (HBP). Migration or use limitations may apply.

Applications

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

Property	Value	Unit	ASTM
Melt index (condition 230°C/2.16 kg)	20	g/10 min	D 1238
Density (g/cm ³)	0.925	g/cm ³	D 792
Melting point	124	°C	D3418
Tensile Strength at Yield	1600	psi	D882
Tensile Break Elongation	350	%	D638
Tensile Impact @ -40°C	255	KJ/M2	D1822
Flexural Modulus - 1% Secant	37450	psi	D790
Vicat Softening Temperature	94.8	°F	D1525
Brittleness Temperature	<-70	°C	D746
Environmental Stress Crack (F50)	50	hours	D1693

Additives: No Slip, No Antiblock