LLDPE LL4M 850

Linear Low Density Polyethylene

MarPol

Overview

Applications include freezer lids, housewares, closures, dispensers, protective caps. Compounding this resin offers outstanding toughness and tear resistance in freezer applications.

Applications

- Caps
- Closures
- Household Goods
- Lids
- Low Temperature Applications

Property	Value	Unit	ASTM
Melt index (condition 230°C/2.16 kg)	50	g/10 min	D 1238
Density (g/cm³)	0.924	g/cm³	D 792
Environmental Stress-Cracking Resistance	10% Igepal, F50 < 1.00	hr	D1693B
Tensile Strength (Yield)	11.2	MPa	D638
Tensile Elongation (Break)	90	%	D638
Flexural Modulus – 1% Secant	265	MPa	D790
Tensile Impact Strength (-40 °C)	222	kJ/m²	D1822
Brittleness Temperature	< -70.0	°C	D746
Vicat Softening Temperature	91.8	°C	D1525
Peak Melting Temperature	123	°C	D3418

This information, to our knowledge, is believed to be correct. The use of this product in its actual conditions are beyond our control and satisfactory results for this product is the customer's sole responsibility. User must make their own decisions regarding its suitability for their equipment and final products.