

## LLI-5026G Linear Low Density Polyethylene

MELT - 50

DENSITY - 0.926

**LLI-5026G** is a certified prime, granular copolymer designed for easing blending with pigments, slip and antiblock additives and other materials making it an excellent base resin for masterbatch products. **LLI-5026G** complies with FDA regulation 21CFR 177.1520 (c) 3.1a and most international regulations concerning the use of Polyethylene in contact with food articles.

### Features:

- Copolymer
- Food contact acceptable

### Typical Applications:

- Base resin

PROPERTIES	ASTM	UNIT	VALUES
<b>PHYSICAL</b>			
Density	D1505	g/cm <sup>3</sup>	0.926
Melt Flow Rate (190°C, 2.16kg)	D1238	g/10 min	50
Env. Stress Cracking Resistance (122°F, F50)	D1693	hr	5.00
<b>MECHANICAL (Compression Molded)</b>			
Tensile Strength @ Yield (20 in/min)	D638	psi	2200
Tensile Elongation @ Break (20 in/min)	D638	%	90
Flexural Modulus - 1% Secant	D790	psi	65k
Notched Izod Impact	D256	ft-lb/in	8.3
Brittleness Temperature	D746	°F	-85.0
Vicat Softening Temperature	D1525	°F	196