

LLDPE 50924

Linear Low Density Polyethylene



Overview

LLDPE 50924 is a narrow molecular weight ethylene 1-butene copolymer designed for applications that require easy processability in thin walled parts. This resin offers outstanding toughness and tear resistance in freezer application for food packaging.

Property	Value	Unit	ASTM
Melt index (condition 230°C/2.16 kg)	50.00	g/10 min	D 1238
Density (g/cm ³)	0.926	g/cm ³	D 792
Flexural Modulus, 1% Secant	68000	psi	D790B
Flexural Modulus, 2% Secant	61000	psi	D790B
Tensile Strength at Yield	1700	psi	D638
Tensile Elongation at Yield	90	%	D638
Peak Melting Temperature	252	°F	D3418
Vicat Softening Temperature	185	°F	D1525
ESCR 100% Igepal, F50	30	hrs	D1693B