



Technical Datasheet: LL8446

Product Description:

LL 8446 is a linear low density butene copolymer designed to offer excellent processability, whiteness, and fast grinding rate. This UV stabilized resin is ideally suited for applications that require excellent dimensional control and low warpage.

Applications:

Consumer articles, general purpose articles, toys, tanks

Typical data:

Property	Test method	Unit	value
Melt Index (190°C/2.16 kg)	ISO 1133	g/10 min	5.0
Density	ISO 1183	g/cm ³	0.936
Deflection Temperature Under Load (DTUL) at 66psi - Unannealed	ASTM D648	°F	126
Deflection Temperature Under Load (DTUL) at 264psi - Unannealed	ASTM D648	°F	97
Peak Melting Temperature	ASTM D3418	°F	257
Tensile Strength at Yield	ASTM D638	psi	2500
Tensile Stress at Yield	ISO 527-2	psi	2500
Tensile Strain at Yield	ISO 527-2	%	10
Flexural Modulus - 1% Secant	ASTM D790B	psi	110000
Flexural Modulus	ISO 178	psi	100000