

Bapolene® 2292

Butene C4 Linear Low Density Polyethylene

Product Description

This resin is a butene linear low density polyethylene copolymer designed to provide a combination of toughness and stiffness . This product meets US FDA 21 CFR 177.1520.

General

Features	<ul style="list-style-type: none"> • Butene Copolymer • Food Contact Acceptable 	<ul style="list-style-type: none"> • Good Stiffness • Good Toughness
Uses	<ul style="list-style-type: none"> • Closures 	<ul style="list-style-type: none"> • Household Goods • Lids
Agency Ratings	<ul style="list-style-type: none"> • FDA 21 CFR 177.1520 	
Processing Method	<ul style="list-style-type: none"> • Injection Molding 	

Physical	Typical Value (English)	Typical Value (SI)	Test Method
Density	0.925 g/cm ³	0.925 g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	50 g/10 min	50 g/10 min	ASTM D1238

Mechanical	Typical Value (English)	Typical Value (SI)	Test Method
Tensile Strength (Yield)	1500 psi	10.3 MPa	ASTM D638
Tensile Elongation (Break)	90 %	90 %	ASTM D638
Flexural Modulus	50000 psi	345 MPa	ASTM D790