

Bapolene® 2272G

Butene C4 Linear Low Density Polyethylene

Product Description

This resin is a high flow, a granular, butene linear low density polyethylene designed to provide excellent 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 • Good Stiffness 	<ul style="list-style-type: none"> • High Flow • Low Temperature Toughness • Low Warpage 	<ul style="list-style-type: none"> • Narrow Molecular Weight Distribution
Uses	<ul style="list-style-type: none"> • Masterbatch 		
Agency Ratings	<ul style="list-style-type: none"> • FDA 21 CFR 177.1520 		
Processing Method	<ul style="list-style-type: none"> • Compounding 		

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)	20 g/10 min	20 g/10 min	ASTM D1238

Mechanical	Typical Value (English)	Typical Value (SI)	Test Method
Tensile Strength ² (Yield)	1900 psi	13.1 MPa	ASTM D638
Flexural Modulus - 1% Secant	61000 psi	421 MPa	ASTM D790