

# Bapolene® 262C

## Linear Low Density Polyethylene

### Product Description

Bapolene® 262C is a hexene linear low density polyethylene for cast film applications requiring superior high modulus and toughness. It contains no slip or antiblock. This resin complies with US FDA 21CFR177.1520.

### General

Features	• Food Contact Acceptable	• Hexene Copolymer	• High Toughness
Uses	• Cast Film	• General Purpose	• Stretch Wrap
Agency Ratings	• FDA 21 CFR 177.1520		
Processing Method	• Cast Film	• Film Extrusion	

Physical	Typical Value (English)	Typical Value (SI)	Test Method
Density	0.918 g/cm <sup>3</sup>	0.918 g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	3.0 g/10 min	3.0 g/10 min	ASTM D1238

Films	Typical Value (English)	Typical Value (SI)	Test Method
Film Thickness - Tested <sup>2</sup>	0.80 mil	20 µm	
Tensile Strength			ASTM D882
MD : Break	8100 psi	55.8 MPa	
TD : Break	5000 psi	34.5 MPa	
Tensile Elongation			ASTM D882
MD : Break	550 %	550 %	
TD : Break	810 %	810 %	
Dart Drop Impact <sup>3</sup>	88 g	88 g	ASTM D1709A
Elmendorf Tear Strength			ASTM D1922
MD	240 g	240 g	
TD	550 g	550 g	

Optical	Typical Value (English)	Typical Value (SI)	Test Method
Gloss (45°)	89	89	ASTM D2457
Haze	2.50 %	2.50 %	ASTM D1003