

# Bapolene® 105B

## Low Density Polyethylene

### Product Description

Bapolene 105B is a low density polyethylene for blown film applications. It complies with US FDA 21 CFR 177.1520.

### General

Features	• Food Contact Acceptable		
Uses	• Bags • Blown Film	• Film • General Purpose	• Packaging
Agency Ratings	• FDA 21 CFR 177.1520		
Processing Method	• Blown Film		

Physical	Typical Value (English)	Typical Value (SI)	Test Method
Density / Specific Gravity	0.920	0.918 g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.25 g/10 min	0.25 g/10 min	ASTM D1238

Films	Typical Value (English)	Typical Value (SI)	Test Method
Tensile Strength			ASTM D882
MD : Break	3200 psi	22.1 MPa	
TD : Break	2800 psi	19.3 MPa	
Dart Drop Impact	180 g	180 g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD	280 g	280 g	
TD	170 g	170 g	