



# Bapolene® 3286

## High Density Polyethylene

### Product Description

This resin is designed to offer improved cycle times and dimensional stability. It complies with US FDA 21CFR177.1520.

### General

Features	• Fast Molding Cycle	• Food Contact Acceptable	• High Flow
Uses	• Containers	• General Purpose	
Agency Ratings	• FDA 21 CFR 177.1520		
Processing Method	• Injection Molding		

Physical	Typical Value (English)	Typical Value (SI)	Test Method
Density	0.950 g/cm <sup>3</sup>	0.950 g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	40 g/10 min	40 g/10 min	ASTM D1238

Mechanical	Typical Value (English)	Typical Value (SI)	Test Method
Tensile Strength <sup>2</sup> (Yield)	3700 psi	25.5 MPa	ASTM D638
Flexural Modulus - Tangent <sup>3</sup>	140000 psi	965 MPa	ASTM D790

### Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.

<sup>2</sup> 2.0 in/min (51 mm/min)

<sup>3</sup> Method I (3 point load)