

# Bapolene® 3242

## High Density Polyethylene

### Product Description

General Purpose. This product meets US FDA 21 CFR 177.1520.

### General

Uses	<ul style="list-style-type: none"> <li>General Purpose</li> <li>Pails</li> </ul>
Agency Ratings	<ul style="list-style-type: none"> <li>FDA 21 CFR 177.1520</li> </ul>
Processing Method	<ul style="list-style-type: none"> <li>Injection Molding</li> </ul>

Physical	Typical Value (English)	Typical Value (SI)	Test Method
Density	0.952 g/cm <sup>3</sup>	0.952 g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	4.5 g/10 min	4.5 g/10 min	ASTM D1238

Mechanical	Typical Value (English)	Typical Value (SI)	Test Method
Tensile Strength <sup>2</sup> (Yield)	4000 psi	27.6 MPa	ASTM D638
Flexural Modulus - Tangent <sup>3</sup>	182000 psi	1250 MPa	ASTM D790

Impact	Typical Value (English)	Typical Value (SI)	Test Method
Notched Izod Impact	0.90 ft·lb/in	48 J/m	ASTM D256

### 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)