



# BAPOLENE®

## HIGH DENSITY POLYETHYLENE BAPOLENE® 3257U INJECTION MOLDING

**Description:** Bapolene® 3257U is a high density polyethylene resin that offers improved cycle times, superior modulus and impact resistance. It complies with US FDA 21CFR177.1520 and has a UV protection package.

**Application:** Pallets, crates, and pails.

*Values reported are typical and should not be interpreted as specification.*

All data are based on injection-molded plaques.

GENERAL PROPERTIES	NOMINAL VALUE	ASTM TEST METHOD
Melt Index <sup>1</sup> , g/10 min.	10.0	D-1238
Density, g/cm <sup>3</sup>	0.963	D-792
Hardness	D-66	D-2240
Tensile Strength @ Yield, psi (MPa)	3,815 (26)	D-638
Elongation @ Break, %	1,175	D-638
Flexural Modulus <sub>Tangent</sub> , psi (MPa)	187,500 (1,293)	D-790

<sup>1</sup> 190°C/2,160 g

THIS PRODUCT DATA SHEET EFFECTIVE MAY 2008 SUPERSEDES ALL DATA PREVIOUSLY PUBLISHED

### BAMBERGER POLYMERS

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