



Bapolene® 3257U

High Density Polyethylene

Product Description

This resin is a high density polyethylene resin that offers improved cycle times, superior modulus and impact resistance and has a UV protection package. This product meets US FDA 21 CFR 177.1520.

General

Additive	• UV Stabilizer		
Features	• Fast Molding Cycle	• Good Impact Resistance	
	• Food Contact Acceptable	• High Stiffness	
Uses	• Crates	• Pails	• Pallets
Agency Ratings	• FDA 21 CFR 177.1520		
Processing Method	• Injection Molding		

Physical	Typical Value (English)	Typical Value (SI)	Test Method
Density	0.963 g/cm ³	0.963 g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	10 g/10 min	10 g/10 min	ASTM D1238

Mechanical	Typical Value (English)	Typical Value (SI)	Test Method
Tensile Strength (Yield)	3820 psi	26.3 MPa	ASTM D638
Flexural Modulus	188000 psi	1290 MPa	ASTM D790