



# Bapolene® 3255U

## High Density Polyethylene

### Product Description

This resin is a hexene narrow molecular weight distribution resin that offers improved cycle time, impact strength, and dimensional stability. It contains a UV-stabilization package and complies with US FDA 21CFR177.1520.

### General

|                   |                       |                              |                          |
|-------------------|-----------------------|------------------------------|--------------------------|
| Additive          | • UV Stabilizer       |                              |                          |
| Features          | • Fast Molding Cycle  | • Good Dimensional Stability | • Good Impact Resistance |
| Uses              | • Crates              | • Pallets                    |                          |
| Agency Ratings    | • FDA 21 CFR 177.1520 |                              |                          |
| Processing Method | • Injection Molding   |                              |                          |

| Physical                                  | Typical Value (English) | Typical Value (SI)      | Test Method |
|---|-------------------------|-------------------------|-------------|
| Density                                   | 0.962 g/cm <sup>3</sup> | 0.962 g/cm <sup>3</sup> | ASTM D1505  |
| Melt Mass-Flow Rate (MFR) (190°C/2.16 kg) | 8.0 g/10 min            | 8.0 g/10 min            | ASTM D1238  |

| Mechanical               | Typical Value (English) | Typical Value (SI) | Test Method |
|--------------------------|-------------------------|--------------------|-------------|
| Tensile Strength (Yield) | 4250 psi                | 29.3 MPa           | ASTM D638   |
| Flexural Modulus         | 185000 psi              | 1280 MPa           | ASTM D790   |