



## PRIMALENE®

Southern Polymer

## WPP733

An 8 melt high density polyethylene

### TYPICAL APPLICATIONS:

- Crates
- Totes
- Structural foam

### Features:

- Good impact and excellent stiffness
- Moderate flow  
FDA 21 CFR 177.1520 (c) 3.2a

| Physical Properties                              | Typical Values*         | Test Method(s) |
|--|-------------------------|----------------|
| Melt Index (190/2.16)                            | 8.0 g/10 min            | D-1238         |
| Density  | 0.962 g/cm <sup>3</sup> | D-1505         |
| Tensile Strength, Yield (2 in/min)               | 4,700 psi               | D-638          |
| Tensile Elongation, Break (2 in/min)             | 800%                    | D-638          |
| Flexural Modulus, Tangent (0.5 in/min)           | 230,000 psi             | D-790          |
| ESCR, Condition B (100% Igepal), F <sup>50</sup> | <10h                    | D-1693         |
| Durometer Hardness (Shore D)                     | 66                      | D-2240         |
| Vicat Softening Temperature                      | 261 °F                  | D-1525         |
| Heat Deflection Temperature at 66 psi            | 150 °F                  | D-648          |
| Brittleness Temperature                          | <-103 °F                | D-746          |
| Notched Izod Impact, 73 °F                       | 0.8 ft-lb/in            | D-256          |