

## Product Data Sheet

### HD60507

#### LLDPE made via Spherilene Gas-Phase Technology

60507 is a HDPE homopolymer which is manufactured in gas phase process for injection molding grade which combines good flowability with balanced physical properties. This resin is well suited for general purpose application requiring high stiffness.

#### HDPE: HD60507 | HD60507UV

#### Characteristic Properties

Good flowability with balanced physical properties.

#### Density: 0.958 - 0.962

#### Main Applications

Crates  
Injection molding

#### Density: 0.958 - 0.962

#### Additives

HD-60507  
Thermal Antioxidant (Process Stabilizer)  
Catalyst neutralizer (acid scavenger, lubricant)  
HD-60507UV  
Thermal Antioxidant (Process Stabilizer)  
Catalyst neutralizer (acid scavenger, lubricant)  
UV Stabilizer

| Resin Properties                   | UNIT     | Typical Value | Test Method |
|------------------------------------|----------|---------------|-------------|
| Melt Index (190°C/ 2.16Kg)         | g/10 min | 7.5           | D1238       |
| Density                            | g/ml     | 0.956         | D1505       |
| Thermal properties                 |          |               |             |
| Vicat Softening Point              | °C       | 126.5         | D1525       |
| Molded Properties                  |          |               |             |
| <b>Flexural Modulus</b>            | MPa      | 1450          | D790        |
| <b>Notched Izod Impact @ 23 °C</b> | J/m      | 24            | D256/A      |

@ on compression moulded specimen obtained according to ASTM D 1928°C