

Globally Distinguished

### HDPE made via Spherilene Process



## Product data sheet 50401

50401 is a HDPE grade for monofilament applications, which combines good processability with high tenacity.  
50401 is also well suited for multiply applications, like ropes.

**HDPE: 50401**

**Density: 0.950**

**MFI: 0.9**

#### Features



- HDPE grade
- good processability with high tenacity
- well suited for multiply applications

#### Applications



- Stretched application grade
- Monofilament

#### Additives



- THERMAL ANOTIOXIDANT
- ANTIBLOCKING AGENT
- PROCESSING AID

**Material properties** (This data are typical values and are not to be construed as product specifications.)

| Resin properties         | Unit    | Typical values | ASTM Method |
|--------------------------|---------|----------------|-------------|
| Melt Index               | (g/10') | 0.9            | D 1238      |
| Density                  | (g/10') | 0.9500         | D 1505      |
| Physical properties @    |         |                |             |
| Tenacity at break        | (g/den) | 5.6            | D 2101      |
| Ultimate elongation      | (%)     | 30             | D 2101      |
| @ On 280 denier filament |         |                |             |

83