

HDPE 3301

YUZEX 3301 is a high-density polyethylene resin with narrow molecular weight distribution. So it shows high tenacity, stiffness and very good drawability. Yuzex 3301 gives minimum die drool and excellent thermal stability because of its well designed antioxidant package.

Application / Use Case

Stand Up Pouches, Industrial Packaging, Food Packaging

Specification

| | Specification | Unit | Test Method |
|------------|---------------|-------------------|-------------|
| Density | 0.954 | g/cm ³ | ASTM D1505 |
| Melt Index | 0.80 | g/10min | ASTM D1238 |

Physical Properties

| | Value | Unit | Test Method |
|---------------------------|-------|--------------------|-------------|
| Softening Point(Vicat) | 123 | °C | ASTM D1525 |
| Tensile Strength at Yield | 250 | kg/cm ² | ASTM D638 |
| Elongation at Break | > 500 | % | ASTM D638 |
| Hardness | D63 | Shore D | ASTM D2240 |
| Flexural Modulus | 9000 | kg/cm ² | ASTM D790 |
| Brittleness Temperature | < -80 | °C | ASTM D746 |

These are typical properties only, and are not to be construed as specific limits.