
# Parslen ZT137K

Parslen ZT137K is a low sealing temperature polypropylene resin. The product is designed for coextruded BOPP film and is formulated with a slip and antiblocking package.

**"Parslen ZT137K"** is an ethylene-butene-propylene ter-polymer for use as a sealing layer in co-extruded bi-oriented polypropylene (BOPP) film applications. This grade features a low seal initiation temperature, a high melting point and good optics. It is formulated with a slip and anti-blocking package and is calcium stearate free. It exhibits very high transparency, excellent gloss and outstanding heat weldability. Films from ″Parslen ZT137K″ show good hot tack and low seal initiation temperature (110 to 115°C).
**"Parslen ZT137K"** is also suitable for the production of shrinkable coextruded BOPP film for labeling of display packaging in IML containers.

**Processing Method:**

BOPP, Cast Film, Double Bubble

**Features:**

Low temperature heat sealability
Very high transparency and excellent gloss

**Typical Applications:**

Sealing layer for BOPP film applications
Shrinkable BOPP film for labeling of display packaging in IML containers.

| Typical properties | Unit | Value | Tolerance | Method |
|---|---|---|---|---|
| Melt Flow Rate (230°C, 2.16kg) | g/10min | 5 | ± 1 | ASTM D1238 |
| Flexural Modulus | MPa | 700 | ± 100 | ASTM D790 |
| Tensile Strength at Yield | MPa | 21 | ± 3 | ASTM D638 |
| Tensile Elongation at Yield | % | 12 | ± 2 | ASTM D638 |
| Izod impact strength (notched) at 23°C | J/m | 70 | ± 7 | ASTM D256 |
| Rockwell Hardness | R-Scale | 75 | ± 10 | ASTM D785 |
| Vicat softening point | °C | 115 | ± 5 | ASTM D1525 |
| H.D.T. (0.45 MPa) | °C | 60 | ± 6 | ASTM D648 |

* These are typical property values not to be construed as exact product specification.
** All specimens are prepared by injection molding.