

HP524J

Homopolymer

Description:

HP524J is a medium flow homopolymer with bimodal molecular weight distribution and good clarity intended for the manufacture of BOPP films. HP524J gives reliable and consistent processing on BOPP stenter lines, providing films having high transparency and gloss with a good balance of film properties. It contains a general purpose formulation of additives. The BOPP films obtained from this grade can be used for high quality packaging and laminates. HP524Js is suitable for food contact.

Typical Applications

- High quality packaging film for food
- Lamination to other films
- Medical packaging

Features: Medium Flow, Good processability, Good Transparency and Gloss

Suitable for: BOPP Film

Product Specification

| PHYSICAL/MECHANICAL PROPERTIES | VALUE* | UNIT | TEST METHOD |
|--|--------|-------------------|-------------|
| Melt Flow Rate (230 °C, 2.16 kg) | 3 | g/10 min | ASTM D1238 |
| Density | 0.9 | g/cm ³ | ASTM D1505 |
| Flexural Modulus | 1550 | MPa | ASTM D790 |
| Tensile Strength at Yield | 35 | MPa | ASTM D638 |
| Tensile Elongation at Yield | 12 | % | ASTM D638 |
| Izod Impact Strength (notched) at 23 °C | 55 | J/m | ASTM D256 |
| Rockwell Hardness | 105 | R Scale | ASTM D785 |
| Vicat softening point (10 N) | 156 | °C | ASTM D1525 |
| H.D.T. (0.46 MPa) | 94 | °C | ASTM D648 |
| Accelerated oven ageing in air at 150 °C | 500 | h | ASTM D3012 |

* Typical values; not to be considered as product specification.