# Jampilen HP527J

Polypropylene Homopolymer

Jam Polypropylene Company

## Message:

Jampilen HP527J is a medium flow homopolymer with bimodal molecular weight distribution and good clarity intended for production of BOPP films. Jampilen HP527J provides reliable and consistent processing on BOPP stenter lines, rendering films having high transparency and gloss with a good balance of film properties. Besides the general purpose formulation of additives, this grade contains antistatic, antiblock and slip agents which will best contribute to its final processability and properties. The BOPP films obtained from this grade can be used for high quality packaging and laminates.Jampilen HP527J is suitable for food contact.

| General Information | |
|---|---|
| Additive | Antiblock<br>Antistatic<br>Slip |
| Features | Antiblocking<br>Antistatic<br>Bimodal Molecular Weight Distribution<br>Food Contact Acceptable<br>Good Processability<br>High Clarity<br>High Gloss<br>Homopolymer<br>Medium Flow<br>Slip |
| Uses | Bi-axially Oriented Film<br>Film<br>Food Packaging<br>Laminates<br>Medical Packaging |
| Processing Method | Bi-axially Oriented Film |

| Physical | Nominal Value | Unit | Test Method |
|---|---|---|---|
| Density | 0.900 | g/cm³ | ASTM D1505 |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 3.0 | g/10 min | ASTM D1238 |

| Hardness | Nominal Value | Unit | Test Method |
|---|---|---|---|
| Rockwell Hardness (R-Scale) | 105 | | ASTM D785 |

| Mechanical | Nominal Value | Unit | Test Method |
|---|---|---|---|
| Tensile Strength (Yield) | 35.0 | MPa | ASTM D638 |
| Tensile Elongation (Yield) | 12 | % | ASTM D638 |

| | | | |
|---|---|---|---|
| Flexural Modulus | 1550 | MPa | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact (23°C) | 55 | J/m | ASTM D256 |
| Thermal | Nominal Value | Unit | Test Method |
| Deflection Temperature Under Load (0.45 MPa, Unannealed) | 94.0 | °C | ASTM D648 |
| Vicat Softening Temperature | 156 | °C | ASTM D1525 [1] |
| Accelerated Oven Ageing (150°C) | 500 | hr | ASTM D3012 |
| NOTE | | | |
| 1. | Loading 1 (10 N) | | |



## Recommended distributors for this material

### Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

WECHAT