

Jampilen RP320M

Polypropylene Random Copolymer

Jam Polypropylene Company

Message:

Jampilen RP320M is a controlled rheology, slightly modified polypropylene random copolymer for manufacturing high transparent cast films. It contains no slip or antiblocking agents. It offers excellent processability, high clarity and gloss and good heat weldability. Main applications are packaging of foodstuff, books and stationary. Jampilen RP320M is suitable for food contact.

| General Information | | | |
|--|-------------------------|-------------------|--------------|
| Additive | Antistatic | | |
| Features | Antistatic | | |
| | Controlled Rheology | | |
| | Food Contact Acceptable | | |
| | Good Processability | | |
| | High Clarity | | |
| | High Gloss | | |
| | Random Copolymer | | |
| | Weldable | | |
| | Uses | Cast Film | |
| Food Packaging | | | |
| Packaging | | | |
| Processing Method | Cast Film | | |
| Physical | Nominal Value | Unit | Test Method |
| Density | 0.900 | g/cm ³ | ISO 1183 |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 8.0 | g/10 min | ISO 1133 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Modulus | 900 | MPa | ISO 527-2/1 |
| Tensile Stress (Yield) | 25.0 | MPa | ISO 527-2/50 |
| Tensile Strain (Yield) | 11 | % | ISO 527-2/50 |
| Impact | Nominal Value | Unit | Test Method |
| Charpy Notched Impact Strength | | | ISO 179/A |
| -30°C | 1.5 | kJ/m ² | |
| 23°C | 4.5 | kJ/m ² | |
| Thermal | Nominal Value | Unit | Test Method |
| Heat Deflection Temperature (0.45 MPa, Unannealed) | 68.0 | °C | ISO 75-2/B |
| Vicat Softening Temperature | 130 | °C | ISO 306/A50 |
| Optical | Nominal Value | Unit | Test Method |

| | | | |
|----------------------|-------|---|------------|
| Gloss (45°, 50.0 μm) | 91 | | ASTM D2457 |
| Haze (50.0 μm) | < 1.0 | % | ASTM D1003 |

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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

