

KMI PP KM573-MJ

Polypropylene Impact Copolymer

KMI Group, Inc.

Message:

KM573-MJ is a high impact block copolymer which has high ethylene-propylene rubber content. This grade is designed to be processed in conventional injection molding equipment. It should a high melt flow, controlled rheology and has a good balance of strength, impact resistance and processability.

| General Information | | | |
|---|---------------------|-------------------|-------------|
| Features | Block Copolymer | | |
| | Controlled rheology | | |
| | High liquidity | | |
| Forms | Particle | | |
| Processing Method | Injection molding | | |
| Physical | Nominal Value | Unit | Test Method |
| Density | 0.900 | g/cm ³ | ASTM D1505 |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 45 | g/10 min | ASTM D1238 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength (Yield) | 25.0 | MPa | ASTM D638 |
| Tensile Elongation (Break) | > 50 | % | ASTM D638 |
| Flexural Modulus | 1470 | MPa | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Unnotched Izod Impact (23°C) | 74 | J/m | ASTM D256 |
| Thermal | Nominal Value | Unit | Test Method |
| Heat Distortion | 125 | °C | ASTM D648 |

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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



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