

KMI PP KM-K095J

Polypropylene Random Copolymer

KMI Group, Inc.

Message:

KM-K095J is a nucleated random copolymer polypropylene for injection molding. This grade is designed to be processed in conventional injection molding equipment and offers super excellent transparency, good mechanical balance, high gloss, lower cycle time, high melt flow and low smell.

| General Information | | | |
|---|--------------------------|----------|-------------|
| Additive | Nucleating agent | | |
| Features | Nucleated | | |
| | Highlight | | |
| | High liquidity | | |
| | The smell is low to none | | |
| | Definition, high | | |
| | Random copolymer | | |
| Appearance | Clear/transparent | | |
| Processing Method | Injection molding | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 0.900 | g/cm³ | ASTM D792 |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 44 | g/10 min | ASTM D1238 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength (Yield) | 27.0 | MPa | ASTM D638 |
| Tensile Elongation (Break) | < 100 | % | ASTM D638 |
| Flexural Modulus | 1130 | MPa | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact | 1.53 | kJ/m² | ASTM D256 |
| Thermal | Nominal Value | Unit | Test Method |
| Heat Deflection Temperature | 95 | °C | ASTM D648 |
| Optical | Nominal Value | Unit | Test Method |
| Haze | 20 | % | ASTM D1003 |

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