

POPELEN SRX-373M

Polypropylene Impact Copolymer

Lotte Chemical Corporation

Message:

High Stiffness, High Impact Strength, High Flow Rate

| General Information | | | |
|--|------------------------|-------------------|-------------|
| Features | Block Copolymer | | |
| | High Flow | | |
| | High Impact Resistance | | |
| | High Stiffness | | |
| Uses | Automotive Bumper | | |
| | Thin-walled Parts | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 0.990 | g/cm ³ | ASTM D792 |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 40 | g/10 min | ASTM D1238 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength (Yield) | 19.6 | MPa | ASTM D638 |
| Tensile Elongation (Break) | 150 | % | ASTM D638 |
| Flexural Modulus | 1960 | MPa | ASTM D790 |
| Flexural Strength | 27.5 | MPa | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact | | | ASTM D256 |
| -30°C | 78 | J/m | |
| 23°C | 490 | J/m | |
| Thermal | Nominal Value | Unit | Test Method |
| Deflection Temperature Under Load (0.45 MPa, Unannealed) | 130 | °C | ASTM D648 |

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