

KOPELEN JI-360

Polypropylene Impact Copolymer

Lotte Chemical Corporation

Message:

JI-360 is impact block copolymer with ethylene content as co-monomer.
This grade is designed to be processed in conventional Injection molding equipment.
JI-360 shows good impact resistance at low temperature and has also high strength.
It has broad range of property, and is used from industrial supplies to automotive compound base resin.

| General Information | | | |
|----------------------------------------------------------|-----------------------------------|-------------------|-------------|
| UL YellowCard | E85371-251722 | | |
| Features | Block Copolymer | | |
| | Good Impact Resistance | | |
| | High Strength | | |
| | Low Temperature Impact Resistance | | |
| Uses | Automotive Applications | | |
| | Industrial Applications | | |
| RoHS Compliance | RoHS Compliant | | |
| Processing Method | Injection Molding | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 0.900 | g/cm ³ | ASTM D792 |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 18 | g/10 min | ASTM D1238 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength (Yield) | 26.5 | MPa | ASTM D638 |
| Tensile Elongation (Break) | > 100 | % | ASTM D638 |
| Flexural Modulus | 1270 | MPa | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact | | | ASTM D256 |
| -10°C | 29 | J/m | |
| 23°C | 69 | J/m | |
| Thermal | Nominal Value | Unit | Test Method |
| Deflection Temperature Under Load (0.45 MPa, Unannealed) | 105 | °C | ASTM D648 |
| Flammability | Nominal Value | | Test Method |
| Flame Rating | HB | | UL 94 |

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