



KOPELEN JM-350

PP BLOCK COPOLYMER

General Information

● **Description**

JM-350 is high impact block copolymer which has more ethylene contents than normal block copolymer.

This grade is designed to be processed in conventional Injection molding equipment.

JM-350 shows better impact resistance than normal block copolymer and has good physical property balance.

● **Applications**

- ◆ Industrial supplies
- ◆ Automotive compound base resin

Physical Properties¹

| Physical | Test Method | Nominal Values | | | |
|---|-------------|----------------|---------------------|-------|-----|
| Melt Flow Index | ASTM D1238 | 10 | g/10min | | |
| Density | ASTM D792 | 0.9 | g/cm ³ | | |
| Mechanical | | | | | |
| Tensile Stress (Yield) | ASTM D638 | 270 | kgf/cm ² | 26 | MPa |
| Tensile Strain (Break) | ASTM D638 | >100 | % | >100 | % |
| Flexural Modulus | ASTM D790 | 14,500 | kgf/cm ² | 1,420 | MPa |
| Impact | | | | | |
| Notched Izod Impact Strength (23°C) | ASTM D256 | 8.5 | kgf·cm/cm | 83 | J/m |
| Notched Izod Impact Strength (-10°C) | ASTM D256 | 4.5 | kgf·cm/cm | 44 | J/m |
| Thermal | | | | | |
| Heat Deflection Temperature (4.6kgf/cm ²) | ASTM D648 | 115 | °C | | |
| Additional Properties | | | | | |
| Flammability | UL94 | HB | | | |

NOTE

ISO 9001, 14001, /TS 16949

¹ Physical Properties : these are not to be construed as specifications