

KOPELEN SB-550A

Polypropylene Terpolymer
Lotte Chemical Corporation

Message:

SB-550A is random terpolymer polypropylene for injection blow molding with good transparency and good gloss. This product is designed to be processed by Injection or injection stretch blow molding application. SB-550A offers very high clarity, flexible stiffness and chemical resistance.

| General Information | |
|---------------------|--|
| Features | Good Chemical Resistance Good Stiffness High Clarity Medium Gloss Terpolymer |
| Uses | Bottles |
| RoHS Compliance | RoHS Compliant |
| Processing Method | Injection Blow Molding Injection Stretch Blow 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) | 8.0 | g/10 min | ASTM D1238 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength (Yield) | 24.5 | MPa | ASTM D638 |
| Tensile Elongation (Break) | > 500 | % | ASTM D638 |
| Flexural Modulus | 834 | MPa | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact (23°C) | 150 | J/m | ASTM D256 |
| Thermal | Nominal Value | Unit | Test Method |
| Deflection Temperature Under Load (0.45 MPa, Unannealed) | 90.0 | °C | ASTM D648 |
| Optical | Nominal Value | Unit | Test Method |
| Haze | 20 | % | ASTM D1003 |

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