

RANPELEN J-550N

PP

Lotte Chemical Corporation

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|--|-------|-------------------|---------------|
| ISO Data | | | |
| Melt flow index, MFI | 12 | g/10min | ISO 1133 |
| ASTM Data | | | |
| Melt Flow Index, MFI | 12 | g/10min | ASTM D 1238 |
| Mechanical properties | | | |
| ISO Data | | | |
| Yield stress | 30 | MPa | ISO 527 |
| Strain at break | 100 | % | ISO 527 |
| Flexural modulus, 23°C | 1030 | MPa | ISO 178 |
| ASTM Data | | | |
| Tensile Strength at Yield | 33 | MPa | ASTM D 638 |
| Elongation at Break | 100 | % | ASTM D 638 |
| Flexural Modulus | 1270 | MPa | ASTM D 790 |
| Rockwell Hardness | R 95 | - | ASTM D 785 |
| Izod Impact notched, 1/8 in | 49 | J/m | ASTM D 256 |
| Izod Impact notched, Low-Temperature | 29 | J/m | ASTM D 256 |
| Temperature | -10 | °C | - |
| Thermal properties | | | |
| ISO Data | | | |
| Temp. of deflection under load, 0.45 MPa | 95 | °C | ISO 75-1/-2 |
| ASTM Data | | | |
| DTUL @ 66 psi | 105 | °C | ASTM D 648 |
| Optical properties | | | |
| ASTM Data | | | |
| Haze | 27 | % | ASTM D 1003 |
| Other properties | | | |
| Density | 900 | kg/m ³ | ISO 1183 |
| Density | 900 | kg/m ³ | ASTM D 792 |

Characteristics**Processing**

Injection Molding

Certifications

Food contact

Special Characteristics

Transparent

Applications

Packaging

Features

High Gloss, Nucleated, Copolymer, Random Copolymer

Regional Availability

North America, Europe, Asia Pacific