

POPELEN G-153

PP

Lotte Chemical Corporation

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|--|--------------|-------------|----------------------|
| ASTM Data | | | |
| Melt Flow Index, MFI | 5 | g/10min | ASTM D 1238 |
| Temperature | 230 | °C | - |
| Mold Shrinkage, MD | 0.004 | mm/mm | ASTM D 955 |
| Mold Shrinkage, TD | 0.007 | mm/mm | ASTM D 955 |

| Mechanical properties | Value | Unit | Test Standard |
|------------------------------|--------------|-------------|----------------------|
| ASTM Data | | | |
| Tensile Strength at Yield | 93.2 | MPa | ASTM D 638 |
| Flexural Modulus | 5886 | MPa | ASTM D 790 |
| Flexural Strength | 108 | MPa | ASTM D 790 |
| Rockwell Hardness | R 95 | - | ASTM D 785 |
| Izod Impact notched, 1/8 in | 118 | J/m | ASTM D 256 |

| Thermal properties | Value | Unit | Test Standard |
|---------------------------|--------------|-------------|----------------------|
| ASTM Data | | | |
| DTUL @ 66 psi | 160 | °C | ASTM D 648 |

| Other properties | Value | Unit | Test Standard |
|-------------------------|--------------|-------------------|----------------------|
| Density | 1120 | kg/m ³ | ASTM D 792 |

Characteristics**Special Characteristics**

Heat stabilized or stable to heat

Features

Copolymer

Applications

Electrical and Electronical

Regional Availability

North America, Europe, Asia Pacific