

**BS-110**

PP

Lotte Chemical Corporation

| <b>Processing/Physical Characteristics</b> | <b>Value</b> | <b>Unit</b> | <b>Test Standard</b> |
|--------------------------------------------|--------------|-------------|----------------------|
| <b>ASTM Data</b>                           |              |             |                      |
| Melt Flow Index, MFI                       | <b>1</b>     | g/10min     | ASTM D 1238          |

| <b>Mechanical properties</b> | <b>Value</b> | <b>Unit</b> | <b>Test Standard</b> |
|------------------------------|--------------|-------------|----------------------|
| <b>ASTM Data</b>             |              |             |                      |
| Tensile Strength at Yield    | <b>36.3</b>  | MPa         | ASTM D 638           |
| Elongation at Break          | <b>100</b>   | %           | ASTM D 638           |
| Flexural Modulus             | <b>1619</b>  | MPa         | ASTM D 790           |
| Rockwell Hardness            | <b>R 103</b> | -           | ASTM D 785           |

| <b>Thermal properties</b> | <b>Value</b> | <b>Unit</b> | <b>Test Standard</b> |
|---------------------------|--------------|-------------|----------------------|
| <b>ASTM Data</b>          |              |             |                      |
| Melting Temperature       | <b>164</b>   | °C          | ASTM D 3418          |

| <b>Other properties</b> | <b>Value</b> | <b>Unit</b>       | <b>Test Standard</b> |
|-------------------------|--------------|-------------------|----------------------|
| Density                 | <b>900</b>   | kg/m <sup>3</sup> | ASTM D 792           |

**Characteristics****Features**

Homopolymer

**Applications**

Electrical and Electrical

**Regional Availability**

North America, Europe, Asia Pacific