

**KM6100**

PBT

KMI Group, Inc.

| <b>Processing/Physical Characteristics</b> | <b>Value</b> | <b>Unit</b> | <b>Test Standard</b> |
|--|--------------|-------------|----------------------|
| <b>ASTM Data</b>                           |              |             |                      |
| Melt Flow Index, MFI                       | <b>30</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             | <b>55</b>    | MPa         | ASTM D 638           |
| Elongation at Break          | <b>200</b>   | %           | ASTM D 638           |
| Flexural Strength            | <b>85</b>    | MPa         | ASTM D 790           |

| <b>Thermal properties</b> | <b>Value</b> | <b>Unit</b> | <b>Test Standard</b> |
|---------------------------|--------------|-------------|----------------------|
| <b>ASTM Data</b>          |              |             |                      |
| Melting Temperature       | <b>222</b>   | °C          | ASTM D 3418          |

| <b>Electrical properties</b>    | <b>Value</b> | <b>Unit</b> | <b>Test Standard</b> |
|---------------------------------|--------------|-------------|----------------------|
| <b>ASTM Data</b>                |              |             |                      |
| Dielectric Strength, Short Time | <b>2</b>     | kV/mm       | ASTM D 149           |

| <b>Other properties</b> | <b>Value</b> | <b>Unit</b>       | <b>Test Standard</b> |
|-------------------------|--------------|-------------------|----------------------|
| Density                 | <b>1310</b>  | kg/m <sup>3</sup> | ASTM D 792           |

**Characteristics****Regional Availability**

North America, Asia Pacific, South and Central America, Near East/Africa