

**INFINO GP-8300G**

PPE-GF30

Lotte Chemical Corporation

| <b>Processing/Physical Characteristics</b> | <b>Value</b> | <b>Unit</b>       | <b>Test Standard</b> |
|--|--------------|-------------------|----------------------|
| <b>ISO Data</b>                            |              |                   |                      |
| Melt flow index, MFI                       | <b>6</b>     | g/10min           | ISO 1133             |
| Temperature                                | <b>280</b>   | °C                | -                    |
| Load                                       | <b>10</b>    | kg                | -                    |
| <b>ASTM Data</b>                           |              |                   |                      |
| Melt Flow Index, MFI                       | <b>6</b>     | g/10min           | ASTM D 1238          |
| Temperature                                | <b>280</b>   | °C                | -                    |
| Load                                       | <b>10</b>    | kg                | -                    |
| <b>Mechanical properties</b>               |              |                   |                      |
| <b>ASTM Data</b>                           |              |                   |                      |
| Tensile Strength at Yield                  | <b>120</b>   | MPa               | ASTM D 638           |
| Flexural Modulus                           | <b>7300</b>  | MPa               | ASTM D 790           |
| Flexural Strength                          | <b>160</b>   | MPa               | ASTM D 790           |
| Rockwell Hardness                          | <b>R 119</b> | -                 | ASTM D 785           |
| Izod Impact notched, 1/8 in                | <b>110</b>   | J/m               | ASTM D 256           |
| <b>Thermal properties</b>                  |              |                   |                      |
| <b>ISO Data</b>                            |              |                   |                      |
| Vicat softening temperature, B             | <b>140</b>   | °C                | ISO 306              |
| <b>ASTM Data</b>                           |              |                   |                      |
| DTUL @ 264 psi                             | <b>148</b>   | °C                | ASTM D 648           |
| <b>Other properties</b>                    |              |                   |                      |
| Density                                    | <b>1270</b>  | kg/m <sup>3</sup> | ISO 1183             |
| Density                                    | <b>1270</b>  | kg/m <sup>3</sup> | ASTM D 792           |

**Characteristics****Processing**

Injection Molding

**Special Characteristics**

Heat stabilized or stable to heat

**Delivery form**

Pellets, Natural Color

**Regional Availability**

North America, Europe, Asia Pacific