

**FORMPOLY N66GP30ST**

PA66

Formulated Polymers Limited

| <b>Processing/Physical Characteristics</b> | <b>Value</b>  | <b>Unit</b>       | <b>Test Standard</b> |
|--|---------------|-------------------|----------------------|
| <b>ASTM Data</b>                           |               |                   |                      |
| Mold Shrinkage, MD                         | <b>0.0165</b> | mm/mm             | ASTM D 955           |
| <b>Mechanical properties</b>               |               |                   |                      |
| <b>ASTM Data</b>                           |               |                   |                      |
| Tensile Strength                           | <b>75</b>     | MPa               | ASTM D 638           |
| Elongation at Break                        | <b>30</b>     | %                 | ASTM D 638           |
| Flexural Modulus                           | <b>2500</b>   | MPa               | ASTM D 790           |
| Flexural Strength                          | <b>110</b>    | MPa               | ASTM D 790           |
| Izod Impact notched, 1/8 in                | <b>108</b>    | J/m               | ASTM D 256           |
| <b>Thermal properties</b>                  |               |                   |                      |
| <b>ASTM Data</b>                           |               |                   |                      |
| DTUL @ 66 psi                              | <b>140</b>    | °C                | ASTM D 648           |
| DTUL @ 264 psi                             | <b>70</b>     | °C                | ASTM D 648           |
| <b>Electrical properties</b>               |               |                   |                      |
| <b>ASTM Data</b>                           |               |                   |                      |
| Surface Resistivity                        | <b>1E14</b>   | Ohm               | ASTM D 257           |
| Volume Resistivity                         | <b>1E15</b>   | Ohm*cm            | ASTM D 257           |
| <b>Other properties</b>                    |               |                   |                      |
| Density                                    | <b>1130</b>   | kg/m <sup>3</sup> | ASTM D 792           |

**Characteristics****Delivery form**

Pellets

**Special Characteristics**

High impact or impact modified

**Features**

Low Odor

**Applications**

Electrical and Electronical

**Regional Availability**

Asia Pacific