

**Globalene PT231**

PP

LCY Chemical Corp.

| <b>Processing/Physical Characteristics</b> | <b>Value</b> | <b>Unit</b>       | <b>Test Standard</b> |
|--|--------------|-------------------|----------------------|
| <b>ASTM Data</b>                           |              |                   |                      |
| Melt Flow Index, MFI                       | <b>26</b>    | g/10min           | ASTM D 1238          |
| Temperature                                | <b>230</b>   | °C                | -                    |
| Load                                       | <b>2.16</b>  | kg                | -                    |
| Mold Shrinkage, MD                         | <b>0.012</b> | mm/mm             | ASTM D 955           |
| <b>Mechanical properties</b>               |              |                   |                      |
| <b>ASTM Data</b>                           |              |                   |                      |
| Tensile Strength at Yield                  | <b>34.3</b>  | MPa               | ASTM D 638           |
| Elongation at Yield                        | <b>9</b>     | %                 | ASTM D 638           |
| Flexural Modulus                           | <b>1570</b>  | MPa               | ASTM D 790           |
| Rockwell Hardness                          | <b>R 101</b> | -                 | ASTM D 785           |
| Izod Impact notched, 1/8 in                | <b>21</b>    | J/m               | ASTM D 256           |
| <b>Other properties</b>                    |              |                   |                      |
| Density                                    | <b>903</b>   | kg/m <sup>3</sup> | ASTM D 792           |

**Characteristics****Processing**

Injection Molding

**Delivery form**

Pellets

**Features**

Homopolymer

**Certifications**

Food contact, Food approval FDA 21 CFR

**Regional Availability**

North America, Asia Pacific