

**Globalene ST861**

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>6.5</b>   | g/10min     | ASTM D 1238          |
| Temperature                                | <b>230</b>   | °C          | -                    |
| Load                                       | <b>2.16</b>  | kg          | -                    |
| Mold Shrinkage, MD                         | <b>0.013</b> | mm/mm       | ASTM D 955           |

| <b>Mechanical properties</b> | <b>Value</b> | <b>Unit</b> | <b>Test Standard</b> |
|------------------------------|--------------|-------------|----------------------|
| <b>ASTM Data</b>             |              |             |                      |
| Tensile Strength at Yield    | <b>27.5</b>  | MPa         | ASTM D 638           |
| Elongation at Yield          | <b>13</b>    | %           | ASTM D 638           |
| Flexural Modulus             | <b>1020</b>  | MPa         | ASTM D 790           |
| Rockwell Hardness            | <b>R 83</b>  | -           | ASTM D 785           |
| Izod Impact notched, 1/8 in  | <b>34</b>    | J/m         | ASTM D 256           |

| <b>Other properties</b> | <b>Value</b> | <b>Unit</b>       | <b>Test Standard</b> |
|-------------------------|--------------|-------------------|----------------------|
| Density                 | <b>898</b>   | kg/m <sup>3</sup> | ASTM D 792           |

**Characteristics****Processing**

Film Extrusion, Blow Molding

**Delivery form**

Pellets

**Special Characteristics**

High impact or impact modified, Transparent

**Features**

Heat Sealable, Random Copolymer

**Certifications**

Food contact, Food approval FDA 21 CFR

**Regional Availability**

North America, Asia Pacific