

# Globalene® 6331

Polypropylene Homopolymer  
Lee Chang Yung Chemical Industry Corp.

Message:

Globalene® 6331 is a Polypropylene Homopolymer (PP Homopolymer) material. It is available in Asia Pacific or North America for injection molding. Important attributes of Globalene® 6331 are:

- Good Processability
- Homopolymer
- Low to No Odor/Taste

Typical applications include:

- Caps/Lids/Closures
- Containers
- Household Applications

| General Information                       |                   |                   |             |
|---|-------------------|-------------------|-------------|
| UL YellowCard                             | E85783-251835     |                   |             |
| Features                                  | Good Moldability  |                   |             |
|   | Homopolymer       |                   |             |
|   | Low to No Odor    |                   |             |
| Uses                                      | Closures          |                   |             |
|   | Food Containers   |                   |             |
|   | Household Goods   |                   |             |
| UL File Number                            | E85783            |                   |             |
| Forms                                     | Pellets           |                   |             |
| Processing Method                         | Injection Molding |                   |             |
| Physical                                  | Nominal Value     | Unit              | Test Method |
| Specific Gravity                          | 0.901             | g/cm <sup>3</sup> | ASTM D792   |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 15                | g/10 min          | ASTM D1238  |
| Molding Shrinkage - Flow                  | 1.3               | %                 | ASTM D955   |
| Hardness                                  | Nominal Value     | Unit              | Test Method |
| Rockwell Hardness (R-Scale)               | 102               |                   | ASTM D785   |
| Mechanical                                | Nominal Value     | Unit              | Test Method |
| Tensile Strength (Yield)                  | 36.3              | MPa               | ASTM D638   |
| Tensile Elongation (Yield)                | 8.0               | %                 | ASTM D638   |
| Flexural Modulus                          | 1770              | MPa               | ASTM D790   |
| Impact                                    | Nominal Value     | Unit              | Test Method |
| Notched Izod Impact (23°C)                | 24                | J/m               | ASTM D256   |
| Thermal                                   | Nominal Value     | Unit              | Test Method |
| Heat Deflection Temperature               | 107               | °C                | ASTM D648   |

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