

Globalene® PC366-4

Polypropylene Homopolymer
Lee Chang Yung Chemical Industry Corp.

Message:

Globalene® PC366-4 is a Polypropylene Homopolymer (PP Homopolymer) material. It is available in Asia Pacific or North America for extrusion, injection molding, or sheet extrusion.

Important attributes of Globalene® PC366-4 are:

Good Processability
Good Stiffness
High Strength
Homopolymer

Typical applications include:

Appliances
Bags/Liners
Caps/Lids/Closures
Sheet
Straps/Ropes

| General Information | | | |
|---|-----------------------|---------------|-------------|
| UL YellowCard | | E85783-251837 | |
| Features | Good Moldability | | |
| | Good Stiffness | | |
| | Good Stretchability | | |
| | High Tensile Strength | | |
| | Homopolymer | | |
| | Low Gel | | |
| Uses | Appliances | | |
| | Bags | | |
| | Closures | | |
| | Sheet | | |
| | Strapping | | |
| | Yarn | | |
| UL File Number | | E85783 | |
| Forms | | Pellets | |
| Processing Method | Extrusion | | |
| | Injection Molding | | |
| | Sheet Extrusion | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 0.901 | g/cm³ | ASTM D792 |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 4.0 | g/10 min | ASTM D1238 |

| | | | |
|-----------------------------|---------------|------|-------------|
| Molding Shrinkage - Flow | 1.3 | % | ASTM D955 |
| Hardness | Nominal Value | Unit | Test Method |
| Rockwell Hardness (R-Scale) | 98 | | ASTM D785 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength (Yield) | 35.3 | MPa | ASTM D638 |
| Tensile Elongation (Yield) | 9.0 | % | ASTM D638 |
| Flexural Modulus | 1770 | MPa | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact (23°C) | 33 | J/m | ASTM D256 |
| Thermal | Nominal Value | Unit | Test Method |
| Heat Deflection Temperature | 98 | °C | ASTM D648 |

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