

Globalene® 6524

Polypropylene Homopolymer
Lee Chang Yung Chemical Industry Corp.

Message:

Globalene® 6524 is a Polypropylene Homopolymer (PP Homopolymer) material. It is available in Asia Pacific or North America for injection molding. Important attributes of Globalene® 6524 are:
Chemical Resistant
Heat Resistant
Homopolymer
Typical applications include:
Appliances
Automotive

| General Information | | | |
|---|----------------------------|-------------------|-------------|
| Features | Good Chemical Resistance | | |
| | Good Heat Aging Resistance | | |
| | Homopolymer | | |
| | Solvent Resistant | | |
| Uses | Appliances | | |
| | Automotive Applications | | |
| UL File Number | E85783 | | |
| Forms | Pellets | | |
| Processing Method | Injection Molding | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 0.901 | g/cm ³ | ASTM D792 |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 3.6 | g/10 min | ASTM D1238 |
| Molding Shrinkage - Flow | 1.3 | % | ASTM D955 |
| Hardness | Nominal Value | Unit | Test Method |
| Rockwell Hardness (R-Scale) | 100 | | ASTM D785 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength (Yield) | 35.3 | MPa | ASTM D638 |
| Tensile Elongation (Yield) | 10 | % | ASTM D638 |
| Flexural Modulus | 1620 | MPa | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact (23°C) | 34 | J/m | ASTM D256 |
| Thermal | Nominal Value | Unit | Test Method |
| Heat Deflection Temperature | 98 | °C | ASTM D648 |

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