

Caltex PP HLG73

Polypropylene

GS Caltex

Message:

Caltex PP HLG73 is a Polypropylene material filled with long glass fiber. It is available in Asia Pacific.

Typical applications include:

- Appliances
- Automotive
- Electrical/Electronic Applications

| General Information | | | |
|--|-------------------------|-------------------|-------------|
| Filler / Reinforcement | Long Glass Fiber | | |
| Uses | Appliance Components | | |
| | Automotive Applications | | |
| | Electrical Parts | | |
| Forms | Pellets | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 1.12 | g/cm ³ | ASTM D792 |
| Molding Shrinkage | | | ASTM D955 |
| Flow | 0.40 | % | |
| Across Flow | 0.40 | % | |
| Hardness | Nominal Value | Unit | Test Method |
| Rockwell Hardness (R-Scale) | 118 | | ASTM D785 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength (Yield) | 127 | MPa | ASTM D638 |
| Tensile Elongation (Break) | 3.4 | % | ASTM D638 |
| Flexural Modulus | 6440 | MPa | ASTM D790A |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact | 230 | J/m | ASTM D256 |
| Thermal | Nominal Value | Unit | Test Method |
| Deflection Temperature Under Load (0.45 MPa, Unannealed) | 162 | °C | ASTM D648 |
| Additional Information | Nominal Value | Unit | |
| Processing Temperature | 210 to 230 | °C | |

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