

Globalene® HP600S

Polypropylene Homopolymer
Lee Chang Yung Chemical Industry Corp.

Message:

Globalene® HP600S is a Polypropylene Homopolymer (PP Homopolymer) material. It is available in Asia Pacific or North America for injection molding. Important attributes of Globalene® HP600S are:

- Good Processability
- High Flow
- Homopolymer

Typical applications include:

- Appliances
- Consumer Goods
- Containers
- Household Applications

| General Information | | | |
|---|-------------------|-------------------|-------------|
| Features | Good Moldability | | |
| | High Flow | | |
| | Homopolymer | | |
| Uses | Appliances | | |
| | Food Containers | | |
| | Household Goods | | |
| | Toys | | |
| 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) | 55 | g/10 min | ASTM D1238 |
| Molding Shrinkage - Flow | 1.2 | % | ASTM D955 |
| Hardness | Nominal Value | Unit | Test Method |
| Rockwell Hardness (R-Scale) | 102 | | ASTM D785 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength (Yield) | 34.3 | MPa | ASTM D638 |
| Tensile Elongation (Yield) | 9.0 | % | ASTM D638 |
| Flexural Modulus | 1570 | MPa | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact (23°C) | 20 | J/m | ASTM D256 |
| Thermal | Nominal Value | Unit | Test Method |
| Heat Deflection Temperature | 109 | °C | ASTM D648 |

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519
Phone: +86 13424755533
Email: sales@su-jiao.com
No. 215, Lianhe North Road, Fengxian District, Shanghai, China

