

SILVER® ABS 313NH

Acrylonitrile Butadiene Styrene
Guangdong Silver Age Sci & Tech. Co., Ltd

Message:

SILVER® Modified ABS is applied to many fields, such as computer fittings, OA equipment and fittings, appliance crust and electronic fittings. In addition, the custom—made products should be developed by buyers ‘ requirements in order to meet special usage.

ABS

Characteristics:

easy molding, good heat resistance

Application:

soymilk case, heater case, auto parts

| General Information | | | |
|---|-------------------------|-------------|-------------|
| Features | Good Moldability | | |
| | High Heat Resistance | | |
| Uses | Automotive Applications | | |
| Processing Method | Injection Molding | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 1.07 | g/cm³ | ASTM D792 |
| Melt Mass-Flow Rate (MFR) (220°C/10.0 kg) | 3.0 | g/10 min | ASTM D1238 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength ¹ | 42.0 | MPa | ASTM D638 |
| Tensile Elongation ² (Break) | 20 | % | ASTM D638 |
| Flexural Modulus ³ | 2250 | MPa | ASTM D790 |
| Flexural Strength ⁴ | 72.0 | MPa | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact (Area) (23°C) | 8.00 | kJ/m² | ASTM D256 |
| Thermal | Nominal Value | Unit | Test Method |
| Deflection Temperature Under Load (1.8 MPa, Unannealed) | 109 | °C | ASTM D648 |
| Flammability | Nominal Value | Test Method | |
| Flame Rating | HB | UL 94 | |
| Injection | Nominal Value | Unit | |
| Processing (Melt) Temp | 220 to 260 | °C | |
| NOTE | | | |
| 1. | 50 mm/min | | |
| 2. | 50 mm/min | | |
| 3. | 5.5 mm/min | | |
| 4. | 5.5 mm/min | | |

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