

TRIMMA® SD6350H

Polymethyl Methacrylate Acrylic
Samyang Corporation

Message:

TRIMMA® SD6350H is a Polymethyl Methacrylate Acrylic product. It is available in Asia Pacific, Europe, or North America. Primary characteristic: flame rated.

| General Information | | | |
|---|---------------|-------------------|-------------|
| Forms | Pellets | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 1.09 | g/cm ³ | ASTM D792 |
| Melt Mass-Flow Rate (MFR) (220°C/10.0 kg) | 14 | g/10 min | ASTM D1238 |
| Molding Shrinkage - Flow | 0.50 to 0.70 | % | ASTM D955 |
| Water Absorption (23°C, 24 hr) | 0.020 | % | ASTM D570 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength (Yield) | 53.9 | MPa | ASTM D638 |
| Tensile Elongation (Break) | 15 | % | ASTM D638 |
| Flexural Modulus | 2290 | MPa | ASTM D790 |
| Flexural Strength (Yield) | 72.6 | MPa | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact (23°C, 3.18 mm) | 98 | J/m | ASTM D256 |
| Thermal | Nominal Value | Unit | Test Method |
| Deflection Temperature Under Load (1.8 MPa, Unannealed) | 83.0 | °C | ASTM D648 |
| Flammability | Nominal Value | Test Method | |
| Flame Rating | HB | UL 94 | |

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