

YUPLENE® H360F

Polypropylene Homopolymer
SK Global Chemical

Message:

YUPLENE H360F is a propylene homopolymer designed for injection molding applications. YUPLENE H360F has high stiffness, good dimensional stability and has been listed by Underwriters Laboratories (UL). YUPLENE H360F is suitable for household articles, food containers and seedbeds. YUPLENE H360F complies with FDA regulation 21 CFR177.1520.

| General Information | | | |
|-------------------------------------------|----------------------------|----------|-----------------|
| UL YellowCard | E135809-222664 | | |
| Features | Food Contact Acceptable | | |
| | Good Dimensional Stability | | |
| | High Stiffness | | |
| | Homopolymer | | |
| Uses | Appliances | | |
| | Food Containers | | |
| | Household Goods | | |
| Agency Ratings | FDA 21 CFR 177.1520 | | |
| Processing Method | Injection Molding | | |
| Physical | Nominal Value | Unit | Test Method |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 12 | g/10 min | ASTM D1238 |
| Spiral Flow | 80.0 | cm | Internal Method |
| Hardness | Nominal Value | Unit | Test Method |
| Rockwell Hardness (R-Scale) | 95 | | ASTM D785 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength (Yield) | 37.3 | MPa | ASTM D638 |
| Tensile Elongation (Break) | > 500 | % | ASTM D638 |
| Flexural Modulus | 1570 | MPa | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact (23°C) | 39 | J/m | ASTM D256 |
| Thermal | Nominal Value | Unit | Test Method |
| Vicat Softening Temperature | 154 | °C | ASTM D1525 |
| Heat Deflection Temperature | 95 | °C | ASTM D648 |

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