

Random PP R380F

YUPLENE R380F is polypropylene random copolymer that is made for injection molding. It has high impact strength and excellent dimensional stability. Since it has high fluidity, it can be used for food packaging, packaging container, and various home appliances.

YUPLENE R380F complies with FDA regulation in 21 CFR 178.2010 for food packaging substances with adequate additives and contains no dangerous substances according to Federal Regulations in 21 CFR 177.1520.

Application

Injection molding / Home appliances, container

Characteristics

High Gloss

Specification

| | Value | Unit | Test Method |
|---------------------------------|-------|--------------------|-------------|
| Melt Index | 29.0 | g/10min | ASTM D1238 |
| Softening Point (Vicat) | 130 | °C | ASTM D1525 |
| Tensile Strength at Yield | 280 | kg/cm ² | ASTM D638 |
| Elongation at Break | >500 | % | ASTM D638 |
| Izod Impact (Notched, 23°C) | 4 | kg·cm/cm | ASTM D256 |
| Spiral Flow | > 800 | mm | SK Method |
| Flexural Modulus | 11000 | kg/cm ² | ASTM D790 |
| Hardness (Rockwell) | 80 | R Scale | ASTM D785 |
| Heat Distortion Temperature | 86 | °C | ASTM D648 |
| Accelerated Oven Aging at 150°C | 360 | hr | ASTM D3012 |

These are typical properties only, and are not to be construed as specific limits.

ISO 9001 Certified

