



Date Prepared: 25, Dec, 2024

## Random PP R370Y

YUPLENE R370Y is random polypropylene that is made for injection molding. It has high impact strength and excellent transparency. Since it has high fluidity and dimensional stability, it can be used for food packaging, packaging container, and disposable syringe and various home appliances.

Yuplene R370Y 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 / food container, home appliances, transparent container

### Characteristics

High Transparency, High Gloss

### Physical Properties

	Value	Unit	Test Method
Melt Index (2.16kg, 230°C)	18.0	g/10min	ASTM D1238
Tensile Strength at Yield	320	kg/cm <sup>2</sup>	ASTM D638
Elongation at Break	>500	%	ASTM D638
Flexural Modulus	12000	kg/cm <sup>2</sup>	ASTM D790
Izod Impact Strength (Notched, 23°C)	6.0	kg·cm/cm	ASTM D256
Hardness (Rockwell)	85	R Scale	ASTM D785
Softening Point (Vicat)	130	°C	ASTM D1525
Heat Distortion Temperature (0.45Mpa)	80	°C	ASTM D648
Haze (1mm)	10	%	ASTM D256

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

\*\* Processing method: Injection Molding

ISO 9001 Certified

