

## Random PP R366Y

YUPLENE R366Y is random polypropylene that is made for injection molding. It has high impact strength and excellent transparency. Since it has excellent odor property and dimensional stability. It can be used for food packaging, packaging container, and disposable syringe and various home appliances. YUPLENE R366Y 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 / Use Case

Injection Molding / food container, home appliances, transparent container

### Physical Properties

	Value	Unit	Test Method
Melt Index	14.0	g/10min	ASTM D1238
Softening Point(Vicat)	143	°C	ASTM D1525
Tensile Strength at Yield	340	kg/cm <sup>2</sup>	ASTM D638
Elongation at Break	>500	%	ASTM D638
IZOD Impact Strength(Notched, 23°C)	5.5	kg-cm/cm	ASTM D256
Flexural Modulus	14000	kg/cm <sup>2</sup>	ASTM D790
Hardness(Rockwell)	95	R Scale	ASTM D785
Heat Distortion Temperature	104	°C	ASTM D648
Haze (1mm)	12	%	ASTM D1003
Accelerated Oven Aging(in Air at 150°C)	360	hr	ASTM D3012

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