

Data Sheet

Date Prepared:

Random PP R392Y

YUPLENE R392Y is random polypropylene for injection molding. It has high impact strength and excellent transparency. Since its excellent flow property makes it suitable for various large size home appliances and thin wall products. It can be used for food packaging, packaging container, and various home appliances.

YUPLENE R392Y complies with FDA regulation in 21 CFR 177.1520 and 21 CFR 178.2010 for food packaging substances.

Application

Injection Molding / food container, home appliances, transparent container

Characteristics

Excellent transparency

Specification

	Value	Unit	Test Method
Melt Index	75	g/10min	ASTM D1238
Softening Point (Vicat)	128	°C	ASTM D1525
Tensile Strength at Yield	270	kg/cm ²	ASTM D638
Elongation at Break	>250	%	ASTM D638
Izod Impact (Notched, 23°C)	3.5	kg·cm/cm	ASTM D256
Flexural Modulus	12000	kg/cm ²	ASTM D790
Hardness (Rockwell)	80	R Scale	ASTM D785
Heat Distortion Temperature	104	°C	ASTM D648
Haze (1mm)	7	%	ASTM D1003
Accelerated Oven Aging at 150°C	360	hr	ASTM D3012

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