

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 / Use Case

Injection Molding / food container, home appliances, transparent container

Characteristics

High Transparency, High Gloss

Specification

	Specification	Unit	Test Method
Melt Index	18.0	g/10min	ASTM D1238

Physical Properties

	Value	Unit	Test Method
IZOD Impact Strength(Notched, 23°C)	6.0	%	ASTM D638
Softening Point(Vicat)	135	g/10min	ASTM D1238
Tensile Strength at Yield	320	°C	ASTM D1525
Elongation at Break	>500	kg/cm ²	ASTM D638
Flexural Modulus	12000	%	ASTM D1003
Haze	10	kg·cm/cm	ASTM D256

Hardness(Rockwell)	85	kg/cm ²	ASTM D790
Heat Distortion Temperature	94	R Scale	ASTM D785
Accelerated Oven Aging(in Air at 150°C)	360	°C	ASTM D648
Spiral Flow	>800	mm	SK Method

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