

Random PP R370F

YUPLENE R370F 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 R370F 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	18	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)	6.0	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.