

RANDOM PP RX3600

YUPLENE RX3600 is propylene random copolymer that is made for injection molding. It has excellent impact strength as well as excellent transparency. Since it has high fluidity and dimensional stability, it can be used for food packaging, packaging container and various home appliances. YUPLENE RX3600 is suitable for application which needs high impact strength such as cold chain system.

YUPLENE RX3600 complies with FDA regulation 21 CFR 177.1520 for the exposure to food.

Application

Injection / food container, home appliances, transparent

Characteristics

High Transparency & impact strength, High Gloss

Physical Properties

	Value	Unit	Test Method
Melt Index	18	g/10min	ASTM D1238
Density	0.9	g/cm ³	ASTM D1505
Softening Point (Vicat)	125	°C	ASTM D1525
Tensile Strength at Yield	250	kg/cm ²	ASTM D638
Elongation at Break	>500	%	ASTM D638
IZOD Impact Strength (Notched, 23°C)	13	kg·cm/cm	ASTM D256
Haze	<10	%	ASTM D1003
Spiral Flow	>800	mm	SK Method
Flexural Modulus	11000	kg/cm ²	ASTM D790
Hardness(Rockwell)	72	R Scale	ASTM D785
Heat Distortion Temperature	80	°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.