

Random PP R520Y

YUPLIN R520Y is propylene random copolymer designed for use in blow molding, and ISBM (Injection stretch blow molding). YUPLIN R520Y offers high Vicat softening point, low temperature toughness and excellent clarity.

YUPLIN R520Y complies with FDA regulation 21 CFR177.1520 for all food contact.

Application

Blow Molding / Transparent container(IBM, High transparent sheet)

Characteristics

High Transparency, High Gloss

Physical Properties

	Value	Unit	Test Method
Melt Index (2.16kg, 230°C)	1.8	g/10min	ASTM D1238
Tensile Strength at Yield	340	kg/cm ²	ASTM D638
Elongation at Break	>500	%	ASTM D638
Flexural Modulus	15000	kg/cm ²	ASTM D790
Izod Impact Strength (Notched, 23°C)	6.0	kg·cm/cm	ASTM D256
Hardness (Rockwell)	80	R Scale	ASTM D785
Softening Point (Vicat)	140	°C	ASTM D1525
Heat Distortion Temperature (0.45Mpa)	95	°C	ASTM D648
Haze (1mm)	<15	%	ASTM D256

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

** Processing method: Injection Molding