

RANDOM PP R930Y

YUPLENE R930Y is nucleated propylene random copolymer designed for sheet. YUPLENE R930Y offers several features including high transparency, high impact strength and high processability, all of which makes YUPLENE R930Y suitable for transparent high impact-resistant sheet application.

YUPLENE R930Y complies with FDA regulation 21 CFR177.1520.

Application / Use Case

Sheet / High transparent sheet

Characteristics

High Transparency, High Gloss, Impact strength

Specification

	Specification	Unit	Test Method
Melt Index	4.5	g/10min	ASTM D1238

Physical Properties

	Value	Unit	Test Method
Density	0.900	g/cm ³	ASTM D1505
Softening Point (Vicat)	130	°C	ASTM D1525
Tensile Strength at Yield	320	kg/cm ²	ASTM D638
Elongation at Break	>500	%	ASTM D638
IZOD Impact Strength (Notched, 23°C)	10	kg-cm/cm	ASTM D256
Spiral Flow	600	mm	SK Method
Flexural Modulus	12,000	kg/cm ²	ASTM D790
Hardness(Rockwell)	88	R Scale	ASTM D785

Heat Distortion Temperature	90	°C	ASTM D648
Oven Aging(in Air at 150°C)	360	hr	ASTM D3012

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