

YUPLENE® R930Y

Polypropylene Random Copolymer

SK Global Chemical

Message:

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.

General Information			
Additive	Nucleating Agent		
Features	Food Contact Acceptable		
	Good Processability		
	High Clarity		
	High Gloss		
	High Impact Resistance		
	Nucleated		
	Random Copolymer		
Uses	Clear Sheet		
	Sheet		
Agency Ratings	FDA 21 CFR 177.1520		
Appearance	Clear/Transparent		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	4.5	g/10 min	ASTM D1238
Spiral Flow	60.0	cm	Internal Method
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	88		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	31.4	MPa	ASTM D638
Tensile Elongation (Break)	> 500	%	ASTM D638
Flexural Modulus	1180	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	98	J/m	ASTM D256
Aging	Nominal Value	Unit	Test Method
Oven Aging - in Air (150°C)	15.0	day	ASTM D3012
Heat Deflection Temperature	90	°C	ASTM D648
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	130	°C	ASTM D1525

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