

YUPLENE® H231P

Polypropylene Homopolymer
SK Global Chemical

Message:

YUPLENE H231P is the homo polypropylene particularly suitable for BOPP film. H231P is designed to combine the benefits of high speed grades with general purpose.
H231P meets the FDA requirements in the Code of Federal Regulations in 21 CFR 177.1520 for food contact. H231P has excellent processability and stretchability, high stiffness and strength, good barrier properties, good optical properties.

General Information			
Features	Food Contact Acceptable		
	Good Processability		
	Good Stretchability		
	High Stiffness		
	High Strength		
	Opticals		
Uses	Film		
Agency Ratings	FDA 21 CFR 177.1520		
Appearance	Clear/Transparent		
Processing Method	Bi-axially Oriented Film		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	3.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	36.3	MPa	ASTM D638
Tensile Elongation (Break)	> 500	%	ASTM D638
Flexural Modulus	1470	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	49	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	155	°C	ASTM D1525

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