

YUPLENE® H720P

Polypropylene Homopolymer

SK Global Chemical

Message:

YUPLENE H720P is propylene homopolymer designed for stretched products such as yarn, tape and rope.
YUPLENE H720P complies with FDA regulation 21 CFR177.1520.

General Information			
Features	Homopolymer		
Uses	Rope		
	Sheet		
	Staple Fibers		
	Tape		
	Yarn		
Agency Ratings	FDA 21 CFR 177.1520		
Physical	Nominal Value	Unit	Test Method
Density	0.905	g/cm³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	2.0	g/10 min	ASTM D1238
Spiral Flow	45.0	cm	Internal Method
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	97		ASTM D785
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)	69	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	152	°C	ASTM D1525
Heat Deflection Temperature	105		ASTM D648

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