

# YUPLENE® H730F

Polypropylene Homopolymer

SK Global Chemical

Message:

YUPLENE H730F is propylene homopolymer designed for stretched products such as yarn, tape and rope.  
YUPLENE H730F complies with FDA regulation 21 CFR177.1520.

General Information			
Features	Homopolymer		
Uses	Rope		
	Sheet		
	Tape		
	Yarn		
Agency Ratings	FDA 21 CFR 177.1520		
Physical	Nominal Value	Unit	Test Method
Density	0.905	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	14	g/10 min	ASTM D1238
Spiral Flow	51.0	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)	49	J/m	ASTM D256
Aging	Nominal Value	Unit	Test Method
Accelerated Oven Aging - in Air (150°C)	15.0	day	ASTM D3012
Heat Deflection Temperature	105	°C	ASTM D648
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	152	°C	ASTM D1525

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