

# YUPLENE® H380F

Polypropylene Homopolymer  
SK Global Chemical

Message:

YUPLENE H380F is a propylene homopolymer designed for injection molding applications. YUPLENE H380F has high stiffness, good dimensional stability and high flow property. YUPLENE H380F is suitable for large size products and multi-cavity injection articles. YUPLENE H380F complies with FDA regulation 21 CFR177.1520.

General Information			
Features	Food Contact Acceptable		
	Good Dimensional Stability		
	High Flow		
	High Stiffness		
	Homopolymer		
Uses	Appliances		
	Compounding		
Agency Ratings	FDA 21 CFR 177.1520		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	25	g/10 min	ASTM D1238
Spiral Flow	> 80.0	cm	Internal Method
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	105		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	40.2	MPa	ASTM D638
Tensile Elongation (Break)	300	%	ASTM D638
Flexural Modulus	1860	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	39	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	156	°C	ASTM D1525
Heat Deflection Temperature	128	°C	ASTM D648

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