

SureSpec HP-180F

Polypropylene Homopolymer

Genesis Polymers

Message:

HP-180F is a Homopolymer Polypropylene certified prime grade designed for fiber spinning extrusion applications requiring resistance to gas fading. HP-180F has good tensile strength with high flow processability. HP-180F complies with FDA regulation 21CFR 177.1520 for all food contact up to a temperature of 100°C and most international regulations concerning the use of Polypropylene in contact with food.

General Information			
Features	Food Contact Acceptable		
	Gas-fading Resistant		
	High Flow		
	High Tensile Strength		
	Homopolymer		
Agency Ratings	FDA 21 CFR 177.1520		
Forms	Pellets		
Processing Method	Fiber (Spinning) Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	18	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	34.5	MPa	ASTM D638
Tensile Elongation (Yield)	9.0	%	ASTM D638

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