

SureSpec HP-030

Polypropylene Homopolymer

Genesis Polymers

Message:

HP-030 is a Polypropylene certified prime grade designed for Extrusion of Water-Quench Cast Film for Slit Tape applications. HP-010 combines excellent processability, very good thermal stability, and high degree of purity with Low Water Carry-over and good balance of tape strength and orientation properties. Recommended processing temperatures of HP-010 are: 1) tape - 210° to 220°C in barrel and 230-250°C in head, and 2) multifilament - 210° to 230°C. HP-010 complies with FDA regulation 21CFR 177.1520 and with most international regulations concerning the use of Polypropylene in contact with food articles.

General Information			
Features	Food Contact Acceptable		
	Good Processability		
	Good Thermal Stability		
	High Purity		
	Homopolymer		
	Low Water Carryover		
Uses	Cast Film		
	Tape		
Agency Ratings	FDA 21 CFR 177.1520		
Forms	Pellets		
Processing Method	Cast Film		
	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.904	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	3.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus - 1% Secant ¹ (Injection Molded)	1410	MPa	ASTM D790
Additional Information	Nominal Value	Unit	
Processing Temperature			
Multifilaments	210 to 230	°C	
Tape - in barrel	210 to 220	°C	
Tape - in head	230 to 250	°C	
NOTE			
1.	1.3 mm/min		

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