

# NEXUS PP HPP5S

Polypropylene Homopolymer

Nexus Resin Group, LLC.

## Message:

Homopolymer for Drinking Straws and Profile Extrusion  
Nexus HPP5S is designed for profile applications such as straws. It can be used in flexible and standard drinking straws. This product contains antistat.

General Information			
Additive	Antistatic		
Features	Antistatic		
	Good Flexibility		
	Homopolymer		
Uses	Drinking Straws		
	Profiles		
Processing Method	Profile Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	4.5	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	33.8	MPa	ASTM D638
Flexural Modulus	1430	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	27	J/m	ASTM D256

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