

Petroquim PP PH 0322

Polypropylene Homopolymer

Petroquim S.A.

Message:

Apt for high-speed raffia extrusion processes. Good processability and productivity in extrusion and in looms. Excellent performance in weaving processes where it minimizes the formation of dust and lint.

Applications:

Sacks, big bags, rug bottoms, bottom of artificial grass.

General Information			
Features	Homopolymer		
	Workability, good		
Uses	Bags		
	Carpet backing		
	Heavy packing bag		
Agency Ratings	FDA 21 CFR 177.1520		
	Europe 10/1/2011 12:00:00 AM		
Forms	Particle		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	3.6	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	35.0	MPa	ASTM D638
Tensile Elongation (Yield)	12	%	ASTM D638
Flexural Modulus	1500	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	58	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	90.0	°C	ASTM D648
Vicat Softening Temperature	156	°C	ASTM D1525 ¹
Extrusion	Nominal Value	Unit	
Hopper Temperature	180	°C	
Cylinder Zone 1 Temp.	230 - 250	°C	
Cylinder Zone 2 Temp.	230 - 250	°C	
Cylinder Zone 3 Temp.	230 - 250	°C	
Cylinder Zone 4 Temp.	230 - 250	°C	
Cylinder Zone 5 Temp.	230 - 250	°C	

Adapter Temperature	265	°C
Extrusion instructions		
Processing:Raffia Extrusion Flat Die:Feeding 180 °CScrew 230 to 250 °CFilter 210 to 240 °CAdapter 265 °C		
NOTE		
1.	压力1 (10N)	

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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