

Petroquim PP PH 0952

Polypropylene Homopolymer

Petroquim S.A.

Message:

Apt for single layer or multilayer film extrusion using a flat die process. Good sliding and anti-block properties, optimal transparency, high mechanical strength and a very good processability and productivity.

Applications:

Clothing bags (shirts, nylons, sweatsuits, etc). Food bags (pastas, bakery goods, rice, snacks).

General Information			
Features	smoothness		
	Homopolymer		
	Anti-caking property		
	Workability, good		
	Good strength		
	Definition, high		
Uses	Films		
	Bags		
	cast film		
	Food packaging		
Agency Ratings	FDA 21 CFR 177.1520		
	Europe 10/1/2011 12:00:00 AM		
Appearance	Clear/transparent		
Forms	Particle		
Processing Method	Film extrusion		
	cast film		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	32.0	MPa	ASTM D638
Tensile Elongation (Yield)	12	%	ASTM D638
Flexural Modulus	1400	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	45	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	96.0	°C	ASTM D648

Vicat Softening Temperature	150	°C	ASTM D1525 ¹
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	200 - 230	°C	
Cylinder Zone 2 Temp.	200 - 230	°C	
Cylinder Zone 3 Temp.	200 - 230	°C	
Cylinder Zone 4 Temp.	200 - 230	°C	
Cylinder Zone 5 Temp.	200 - 230	°C	
Adapter Temperature	240	°C	
Die Temperature	260	°C	
Extrusion instructions			
Processing:Flat Film Extrusion (Cast):Screw Temperature: 200 to 230°CFilter Temperature: 220 to 230°CAdapter Temperature: 240°CDie Temperature: 260°C			
NOTE			
1.	压力1 (10N)		

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