

Petroquim PP PH 0362

Polypropylene Homopolymer

Petroquim S.A.

Message:

Apt for biaxially oriented film extrusion (BOPP), both the production of single layer film or co-extruded film. It has been designed to provide stability in extrusion lines with an excellent thickness control, a high stretch rate and easy dual orientation. For general use or in metallization.

Applications:

Bioaxially oriented film for food containers (pasta, snacks, etc.). Metallizable film (potato chip and snack packages).

General Information			
Features	Electroplating		
	Homopolymer		
	General		
Uses	Bi-axially Oriented Film		
	Films		
	Food container		
Agency Ratings	FDA 21 CFR 177.1520		
	Europe 10/1/2011 12:00:00 AM		
Forms	Particle		
Processing Method	Film extrusion		
	Co-extrusion molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	3.0	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	1300	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	61	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	94.0	°C	ASTM D648
Vicat Softening Temperature	156	°C	ASTM D1525 ¹
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	210 - 250	°C	
Cylinder Zone 2 Temp.	210 - 250	°C	
Cylinder Zone 3 Temp.	210 - 250	°C	

Cylinder Zone 4 Temp.	210 - 250	°C
Cylinder Zone 5 Temp.	210 - 250	°C
Extrusion instructions		
Processing: Biaxially Oriented Film Extrusion (BOPP) Flat Die: Screw 210 to 250 °C Filter 250 °C Die 260 °C		
NOTE		
1.	压力1 (10N)	

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