

Petroquim PP PH 2621

Polypropylene Homopolymer

Petroquim S.A.

Message:

Apt for low-denier fiber extrusion elaborated using the Bulk Continuous Filaments (BCF) process and for cut- fiber produced with medium and high speed extrusion lines. It contains a special additive to provide excellent decoloration protection.

Applications:

Cut fibers and low-denier multifilament fibers, rugs, bag handles.

General Information			
Additive	Unspecified additive		
Features	Good color stability		
Uses	BCF filament		
	Bags		
	staple fiber		
	Filament		
	Fiber		
Agency Ratings	FDA 21 CFR 177.1520		
	Europe 10/1/2011 12:00:00 AM		
Forms	Particle		
Processing Method	Filament extrusion		
	Fiber (spinning) extrusion		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	26	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	32.0	MPa	ASTM D638
Tensile Elongation (Yield)	13	%	ASTM D638
Flexural Modulus	1500	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	30	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	100	°C	ASTM D648
Vicat Softening Temperature	152	°C	ASTM D1525 ¹
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	200 - 250	°C	
Cylinder Zone 2 Temp.	200 - 250	°C	
Cylinder Zone 3 Temp.	200 - 250	°C	

Cylinder Zone 4 Temp.	200 - 250	°C
Cylinder Zone 5 Temp.	200 - 250	°C
Extrusion instructions		
Processing:Extrusion:Screw 200 to 250 °CMold 240 to 250 °C		
NOTE		
1.	压力1 (10N)	

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