

Petroquim PP PH 2615

Polypropylene Homopolymer

Petroquim S.A.

Message:

Apt for injection molding. Nucleated grade which gives it a very high stiffness and improvements in cycles. Easily processable, good stability during the process and good mechanical properties. Recommended for thin wall pieces.

Applications:

Household items, food jars and containers, lids and toys, garden furniture.

General Information			
Additive	Nucleating agent		
Features	Nucleated		
	Rigid, good		
	Homopolymer		
	Good processing stability		
Uses	Packaging		
	Thin wall parts		
	Cover		
	Shield		
	Furniture		
	Household goods		
	Food packaging		
	Toys		
Agency Ratings	FDA 21 CFR 177.1520		
	Europe 10/1/2011 12:00:00 AM		
Forms	Particle		
Processing Method	Injection molding		
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)	38.0	MPa	ASTM D638
Tensile Elongation (Yield)	7.0	%	ASTM D638
Flexural Modulus	1900	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	23	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	117	°C	ASTM D648

Vicat Softening Temperature	155	°C	ASTM D1525 ¹
Injection	Nominal Value	Unit	
Hopper Temperature	190	°C	
Rear Temperature	200 - 240	°C	
Middle Temperature	200 - 240	°C	
Front Temperature	200 - 240	°C	
Mold Temperature	20.0 - 60.0	°C	
Injection instructions			
Processing:Injection:Feed 190 °CScrew 200 to 240 °CMold 20 to 60 °C			
NOTE			
1.	压力1 (10N)		

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