

Petroquim PP PH 0242

Polypropylene Homopolymer

Petroquim S.A.

Message:

Apt for the extrusion/compression of caps for carbonated beverages. Excellent stiffness and impact strength, and easily processed and de-molded.

Applications:

Caps for carbonated beverages, beers and refreshments.

General Information			
Features	Rigid, good		
	Homopolymer		
	Impact resistance, good		
	Workability, good		
	Good demoulding performance		
Uses	Shield		
	Food service sector		
Agency Ratings	FDA 21 CFR 177.1520		
	Europe 10/1/2011 12:00:00 AM		
Forms	Particle		
Processing Method	Extrusion		
	Compression molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	2.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	37.0	MPa	ASTM D638
Tensile Elongation (Yield)	10	%	ASTM D638
Flexural Modulus	1400	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	100	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	115	°C	ASTM D648
Vicat Softening Temperature	155	°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

Extrusion instructions

Processing:Cylinder 200 to 230 °CPump 205 to 215 °CNozzle 205 to 215 °C

NOTE

1. 压力1 (10N)

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

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



WECHAT