

Petrotene® PP A3 C35 BRC0001 PH333 MSP

Polypropylene Homopolymer

Petropol Industry and Trade of Polymers LTDA

Message:

Petrotene® PP A3 C35 BRC0001 PH333 MSP is a Polypropylene Homopolymer (PP Homopolymer) material filled with 35% calcium carbonate. It is available in Asia Pacific, Asia Pacific, Europe, Europe, Latin America, Latin America, North America, or North America for injection molding.

Important attributes of Petrotene® PP A3 C35 BRC0001 PH333 MSP are:

Flame Rated

Good Dimensional Stability

Homopolymer

General Information			
Filler / Reinforcement	Calcium Carbonate,35% Filler by Weight		
Features	Good Dimensional Stability		
	Homopolymer		
Appearance	White		
Processing Method	Injection Molding		
Resin ID (ISO 1043)	>PP + KD35<		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.13 to 1.15	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	3.0 to 15	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.90 to 1.1	%	ASTM D955
Water Absorption (Equilibrium)	0.050	%	ASTM D570
Ash Content	33 to 37	%	ASTM D2584
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹			

Flame Rating	HB	UL 94
Injection	Nominal Value	Unit
Drying Temperature	90.0	°C
Drying Time	2.0	hr
Processing (Melt) Temp	190 to 230	°C
Mold Temperature	60.0 to 80.0	°C
NOTE		
1.	50 mm/min	
2.	50 mm/min	
3.	2°C/min	
4.	Rate B (120°C/h), Loading 1 (10 N)	

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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

