

# Maxxam™ PPC-20G Black

Polypropylene Copolymer

PolyOne Corporation

## Message:

Polypropylene and Polyethylene Based Maxxam™The product line is suitable for a variety of applications and performance requirements. After the standard product is mixed with calcium carbonate, glass and talcum powder, all the properties are ideal, including rigidity, durability, impact resistance and heat resistance. Customized products have many uses, such as: ultraviolet stabilizer, heat stabilizer, color customization, impact resistance products, etc.

General Information			
Filler / Reinforcement	Glass fiber reinforced material		
	Filler, 20% filler by weight		
Additive	Impact modifier		
Features	Impact modification		
	Copolymer		
	General		
Uses	Industrial application		
	Architectural application field		
	Application in Automobile Field		
	General		
	Consumer goods application field		
Appearance	Black		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.03	g/cm <sup>3</sup>	ASTM D792
Specific Volume	0.972	cm <sup>3</sup> /g	ASTM D792
Melt Mass-Flow Rate (MFR) <sup>1</sup> (230°C/2.16 kg)	4.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.20 - 0.50	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>2</sup> (Yield)	50.0	MPa	ASTM D638
Tensile Elongation <sup>3</sup> (Break)	9.0	%	ASTM D638
Flexural Modulus	3030	MPa	ASTM D790
Flexural Strength	62.1	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm, Injection Molded)	64	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method


Deflection Temperature Under Load (0.45 MPa, Unannealed, 3.18 mm)		152	°C	ASTM D648
Additional Information				
Product Code: EM10005762**				
Injection	Nominal Value	Unit		
Mold Temperature	16.0 - 50.0	°C		
NOTE				
1.	Procedure A			
2.	Type 1, 51mm/min			
3.	Type 1, 51mm/min			

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