

Maxxam™ PP5140F A7

Polypropylene Homopolymer

PolyOne Corporation

Message:

PolyOne's Maxxam™ family of polypropylene- and polyethylene-based products covers a wide range of applications, markets and performance requirements. Standard grades are compounded with calcium carbonate, glass and talc to provide a desired balance of properties including stiffness, durability, impact resistance and heat resistance. Custom grades are available with features such as UV stabilizers, heat stabilizers, custom color, high impact, etc.

General Information			
Filler / Reinforcement	Talc filler, 40% filler by weight		
Features	Rigid, good		
	Workability, good		
	Good strength		
	Medium liquidity		
	Heat resistance, high		
Uses	Industrial application		
	Home appliance components		
	Application in Automobile Field		
	General		
	Consumer goods application field		
Appearance	Black		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.23	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	28.0	MPa	ISO 527-2
Tensile Strain (Break)	10	%	ISO 527-2
Flexural Modulus	3800	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	6.0	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	80.0	°C	ISO 75-2/A
Melting Temperature	160 - 165	°C	
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94
Injection	Nominal Value	Unit	

Processing (Melt) Temp	180 - 220	°C
Mold Temperature	15 - 65	°C

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

