

SILVER® PP 423G20

Polypropylene

Guangdong Silver Age Sci & Tech. Co., Ltd

Message:

SILVER® Modified Polyolefin includes modified polyethylene and modified polypropylene. Modified polyethylene is mainly applied to cable jacket. Black polyethylene compound is composed of polyethylene resin,carbon black, antioxidant and so on. Black polyehylene compound is applied to communication cable,contoll cable,signal cable,power cable,optical cable and submarine cable. It conforms to GB15065-94 Standard. Modified PP including flame resistant, glass fiber and mineral reinforced and weather—resistant, is widely applied in electronic & electrical appliances, household appliances, auto accessories, lightings, mechanical components and sockets, and so on. In addition, we develop new products according to customer's specific requirements.

Flame retardant PP

Characteristics:

glass fiber reinforced PP

Applications:

household appliance accessory, washer and other mechanical partsinner mechanical parts

General Information			
Filler / Reinforcement	Glass Fiber,20% Filler by Weight		
Uses	Appliance Components		
	Machine/Mechanical Parts		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.07	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	4.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹	50.0	MPa	ASTM D638
Tensile Elongation ² (Break)	6.0	%	ASTM D638
Flexural Modulus ³	4000	MPa	ASTM D790
Flexural Strength ⁴	80.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (Area) (23°C)	10.0	kJ/m ²	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	145	°C	ASTM D648
NOTE			
1.	10 mm/min		
2.	10 mm/min		
3.	5.4 mm/min		
4.	5.4 mm/min		

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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



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