

SABIC® PPcompound 9135A

Polypropylene

Saudi Basic Industries Corporation (SABIC)

Message:

SABIC® PPcompound 9135A is an elastomer-modified mineral filled Polypropylene with excellent impact and stiffness ratio. Typical material application are light esthetical automotive interior parts. It has a very high scratch resistance, no stickiness and a high flow. The material has anti static performance to reduce dust attraction.

SABIC®PPcompound 9135A is a designated automotive grade.

General Information			
Filler / Reinforcement	Mineral		
Additive	Impact Modifier		
Features	Antistatic		
	High Flow		
	High Scratch Resistance		
	Impact Modified		
Uses	Automotive Applications		
	Automotive Interior Parts		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.01	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	22	g/10 min	ISO 1133
Molding Shrinkage (24 hr)	0.80	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2/1A/50
Yield, Injection Molded	18.0	MPa	
Break, Injection Molded	12.0	MPa	
Tensile Strain (Break, Injection Molded)	50	%	ISO 527-2/1A/50
Flexural Modulus ¹ (Injection Molded)	1900	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180/4A
0°C, Injection Molded	7.0	kJ/m ²	
23°C, Injection Molded	12	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
CLTE - Flow			ASTM D696
-30 to 30°C	6.0E-5	cm/cm/°C	
23 to 80°C	9.0E-5	cm/cm/°C	

NOTE

1. Method I (3 point load)

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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

