

# SABIC® PPcompound 2609B

Polypropylene

Saudi Basic Industries Corporation (SABIC)

## Message:

SABIC® PPcompound 2609B is a mineral filled modified polypropylene. Typical material properties include good stiffness and impact. Typical applications include automotive exterior trims such as lateral siding. It can be used in painted and unpainted applications.

SABIC® PPcompound 2609B is a designated automotive grade.

General Information			
Filler / Reinforcement	Mineral filler, 27% filler by weight		
Additive	Impact modifier		
Features	Impact modification		
	Rigid, good		
	Impact resistance, good		
	Sprayable		
Uses	Application in Automobile Field		
	Car exterior decoration		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.12	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	15	g/10 min	ISO 1133
Molding Shrinkage (24 hours, 3.20mm)	0.90	%	Internal method
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (Injection Molded)	1250	MPa	ISO 527-2/1A
Tensile Stress			ISO 527-2/1A
Yield, injection molding	28.0	MPa	ISO 527-2/1A
Fracture, injection molding	15.0	MPa	ISO 527-2/1A
Tensile Strain (Break, Injection Molded)	10	%	ISO 527-2/1A
Flexural Modulus (Injection Molded)	1300	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ISO 180/1A
-20°C, injection molding	5.0	kJ/m <sup>2</sup>	ISO 180/1A
0°C, injection molding	15	kJ/m <sup>2</sup>	ISO 180/1A
23°C, injection molding	25	kJ/m <sup>2</sup>	ISO 180/1A

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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

