

# SABIC® PPcompound 8950

Polypropylene

Saudi Basic Industries Corporation (SABIC)

## Message:

SABIC® PPcompound 8950 is a modified mineral filled Polypropylene for painted automotive exterior applications. The material has a very high stiffness and good dimensional stability whilst maintaining a good impact and flow performance.

SABIC® PPcompound 8950 is a designated automotive grade.

General Information			
Filler / Reinforcement	Mineral		
Additive	Impact Modifier		
Features	Good Dimensional Stability		
	Good Flow		
	Good Impact Resistance		
	High Stiffness		
	Impact Modified		
	Paintable		
Uses	Automotive Applications		
	Automotive Exterior Parts		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.14	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 hr)	0.60	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus <sup>1</sup> (Injection Molded)	2650	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180/4A
-20°C, Injection Molded	2.5	kJ/m <sup>2</sup>	
0°C, Injection Molded	10	kJ/m <sup>2</sup>	
23°C, Injection Molded	20	kJ/m <sup>2</sup>	
Thermal	Nominal Value	Unit	Test Method
CLTE - Flow			ASTM D696
-30 to 30°C	6.0E-5	cm/cm/°C	
23 to 80°C	4.0E-5	cm/cm/°C	
NOTE			

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Recommended distributors for this material

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