

# SABIC® PPcompound 9154

Polypropylene

Saudi Basic Industries Corporation (SABIC)

## Message:

SABIC® PPcompound 9154 is a development grade, elastomer-modified mineral filled Polypropylene for automotive interior applications. This material has been designed to combine a good performance profile with good processing.

SABIC® PPcompound 9154 is a designated automotive grade.

General Information			
Filler / Reinforcement	Mineral filler		
Additive	Impact modifier		
Features	Impact modification		
	Rigidity, high		
	High scratch resistance		
	Impact resistance, good		
	High liquidity		
Uses	Application in Automobile Field		
	Car interior parts		
	Car interior equipment		
	Car dashboard		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	0.990	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	18	g/10 min	ISO 1133
Molding Shrinkage (24 hr)	0.90	%	Internal method
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2/1A/50
Yield, injection molding	20.0	MPa	ISO 527-2/1A/50
Fracture, injection molding	13.5	MPa	ISO 527-2/1A/50
Tensile Strain (Break, Injection Molded)	65	%	ISO 527-2/1A/50
Flexural Modulus <sup>1</sup> (Injection Molded)	1680	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, Injection Molded)	23	kJ/m <sup>2</sup>	ISO 180/4A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	54.0	°C	ASTM D648
NOTE			

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#### Recommended distributors for this material

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