

SABIC® PPcompound 3010UE

Polypropylene

Saudi Basic Industries Corporation (SABIC)

Message:

SABIC® PPcompound 3010UE is a development grade, elastomer-modified mineral filled Polypropylene for automotive exterior applications. This material has been designed to combine high flow and high modulus in combination with good surface esthetics and emission, and makes this grade suitable for exterior applications, like cowl top panels.

SABIC® PPcompound 3010UE is a designated automotive grade.

General Information			
Filler / Reinforcement	Mineral filler, 10% filler by weight		
Additive	Impact modifier		
Features	Impact modification		
	High liquidity		
	Excellent appearance		
Uses	Application in Automobile Field		
	Automotive exterior parts		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	0.960	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	30	g/10 min	ISO 1133
Molding Shrinkage (24 hours, 3.20mm)	1.1	%	Internal method
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (Injection Molded)	2000	MPa	ISO 527-2/1A
Tensile Stress			ISO 527-2/1A
Yield, injection molding	28.0	MPa	ISO 527-2/1A
Fracture, injection molding	21.0	MPa	ISO 527-2/1A
Tensile Strain (Break, Injection Molded)	15	%	ISO 527-2/1A
Flexural Modulus (Injection Molded)	2100	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, Injection Molded)	5.0	kJ/m ²	ISO 180/1A

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Recommended distributors for this material

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