

# ISORENE™ AA5C2-1001

Thermoplastic Elastomer

SABIC Innovative Plastics Europe

## Message:

ISORENE AA5C2-1001 is a special compound designed to be used in co-injection molding or coextrusion with PPO and PS.

The value listed as Strain at Break, ISO 527, was tested in accordance with ISO 37.

The value listed as Stress at Break, ISO 527, was tested in accordance with ISO 37.

General Information			
Forms	Pellets		
Processing Method	Coextrusion		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.09	g/cm <sup>3</sup>	ISO 1183
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	55		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	4.70	MPa	ISO 527-2
Tensile Strain (Break)	400	%	ISO 527-2
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			ISO 37
100% Strain	1.90	MPa	
200% Strain	3.60	MPa	
300% Strain	4.50	MPa	
Tear Strength	20	kN/m	ISO 34-1
Compression Set			ISO 815
23°C, 70 hr	38	%	
70°C, 22 hr	96	%	

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## Recommended distributors for this material

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