

ISORENE™ CA8-7001

Thermoplastic Elastomer

SABIC Innovative Plastics Europe

Message:

ISORENE CA8-7001 is a special compound in a black color with improved compression set behavior versus standard compounds.

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			
Features	Low Compression Set		
Appearance	Black		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.14	g/cm ³	ISO 1183
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	83		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	6.00	MPa	ISO 527-2
Tensile Strain (Break)	240	%	ISO 527-2
Elastomers	Nominal Value	Unit	Test Method
Tear Strength	27	kN/m	ISO 34-1
Compression Set			ISO 815
23°C, 72 hr	24	%	
70°C, 24 hr	40	%	
100°C, 24 hr	64	%	

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