

ISORENE™ FA9-1101

Thermoplastic Elastomer

SABIC Innovative Plastics Europe

Message:

ISORENE FA9-1101 is a compound especially designed for food contact and toy applications. The natural color of this compound is translucent. 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			
Uses	Non-specific Food Applications		
	Toys		
Appearance	Natural Color		
	Translucent		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.890	g/cm ³	ISO 1183
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	85		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	13.0	MPa	ISO 527-2
Tensile Strain (Break)	600	%	ISO 527-2
Elastomers	Nominal Value	Unit	Test Method
Tear Strength	37	kN/m	ISO 34-1
Compression Set			ISO 815
23°C, 72 hr	36	%	
70°C, 24 hr	55	%	
100°C, 24 hr	75	%	

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