

# EVOPRENE G 966

## Alphagary - Styrene Ethylene Butylene Styrene Block Copolymer

### General Information

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Features	• Block Copolymer
Processing Method	• Injection Molding

### Properties<sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density (73°F)	0.940	g/cm <sup>3</sup>	ISO 2781
Flow Rating (356°F)	18	kg/cm <sup>2</sup>	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Abrasion Resistance (73°F)	345	mm <sup>3</sup>	ISO 53516
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain, 73°F)	116	psi	ISO 37
Tensile Stress (300% Strain, 73°F)	218	psi	ISO 37
Tensile Stress (Yield, 73°F)	566	psi	ISO 37
Tensile Elongation (Break, 73°F)	550	%	ISO 37
Tear Strength (73°F)	79.9	lbf/in	ISO 6383
Compression Set			ISO 815
73°F, 72 hr	15	%	
158°F, 22 hr	35	%	
212°F, 22 hr	59	%	
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A, 73°F)	28		ISO 868
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air (257°F, 336 hr)	20	%	ISO 188
Change in Tensile Strain at Break in Air			ISO 188
257°F, 336 hr	49	%	
Change in Shore Hardness in Air (257°F, 336 hr)	-3.0		ISO 188