

# EVOPRENE COGEE TS 5845

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)	1.20	g/cm <sup>3</sup>	ISO 2781
Flow Rating (356°F)	28	kg/cm <sup>2</sup>	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Abrasion Resistance (73°F)	265	mm <sup>3</sup>	ISO 53516
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain, 73°F)	290	psi	ISO 37
Tensile Stress (300% Strain, 73°F)	479	psi	ISO 37
Tensile Stress (Yield, 73°F)	725	psi	ISO 37
Tensile Elongation (Break, 73°F)	520	%	ISO 37
Tear Strength (73°F)	166	lbf/in	ISO 6383
Compression Set			ISO 815
73°F, 72 hr	30	%	
158°F, 22 hr	66	%	
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A, 73°F)	57		ISO 868