

EVOPRENE COGEE 5847

Alphagary - Styrene Ethylene Butylene Styrene Block Copolymer

General Information

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Features	• Block Copolymer
Processing Method	• Injection Molding

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density (73°F)	1.25	g/cm ³	ISO 2781
Flow Rating (356°F)	60	kg/cm ²	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Abrasion Resistance (73°F)	164	mm ³	ISO 53516
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain, 73°F)	798	psi	ISO 37
Tensile Stress (300% Strain, 73°F)	1130	psi	ISO 37
Tensile Stress (Yield, 73°F)	2090	psi	ISO 37
Tensile Elongation (Break, 73°F)	540	%	ISO 37
Tear Strength (73°F)	377	lbf/in	ISO 6383
Compression Set			ISO 815
73°F, 72 hr	41	%	
158°F, 22 hr	68	%	
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A, 73°F)	85		ISO 868