

EVOPRENE COGEE 5846

Alphagary - Styrene Ethylene Butylene Styrene Block Copolymer

General Information

General	
Features	<ul style="list-style-type: none"> Block Copolymer
Processing Method	<ul style="list-style-type: none"> Injection Molding

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density (73°F)	1.20	g/cm ³	ISO 2781
Flow Rating (356°F)	28	kg/cm ²	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Abrasion Resistance (73°F)	191	mm ³	ISO 53516
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain, 73°F)	377	psi	ISO 37
Tensile Stress (300% Strain, 73°F)	522	psi	ISO 37
Tensile Stress (Yield, 73°F)	798	psi	ISO 37
Tensile Elongation (Break, 73°F)	570	%	ISO 37
Tear Strength (73°F)	200	lbf/in	ISO 6383
Compression Set			ISO 815
73°F, 72 hr	37	%	
158°F, 22 hr	75	%	
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A, 73°F)	67		ISO 868