

EVOPRENE G 3462

Alphagary - Styrene Ethylene Butylene Styrene Block Copolymer

General Information

General		
Features	• Block Copolymer	• Ozone Resistant
Processing Method	• Injection Molding	

Properties¹

Physical	Nominal Value	Unit	Test Method
Density (73°F)	1.05	g/cm ³	ISO 2781
Water Absorption - 7 days (158°F)	-0.35	%	ISO 1817
Flow Rating (356°F)	11	kg/cm ²	Internal Method
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 73°F)	783	psi	ISO 37
Tensile Elongation (Break, 73°F)	720	%	ISO 37
Compression Set			ISO 815
14°F, 72 hr	54	%	
73°F, 72 hr	22	%	
158°F, 22 hr	39	%	
Hardness	Nominal Value	Unit	Test Method
IRHD Hardness ²	49		ISO 188
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air (158°F, 168 hr)	37	%	ISO 188
Change in Tensile Strain at Break in Air			ISO 188
158°F, 168 hr	12	%	
Change in Shore Hardness in Air (158°F, 168 hr)	2.0		ISO 188
Additional Information	Nominal Value	Unit	Test Method
Ozone Resistance	No Cracks		ISO 1431-1

Notes

¹ Typical properties: these are not to be construed as specifications.

² 23°C