

# S.O.E.™ S1611

Styrene Butadiene Block Copolymer

AKelastomers

## Message:

Asahi Kasei S.O.E.™ S1611 is a special SEBS with low resilience. It is particularly used as a modifier to lower resilience and enhance shock absorption of foam made from EVA or TPO for shoe mid soles, sports gears or sports wears.

General Information			
Features	Shock absorption		
Uses	Sporting goods		
	Footwear		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Density	1.02	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	4.0	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	71		ISO 868
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress <sup>1</sup> (300% Strain)	4.00	MPa	ISO 37
Tensile Stress <sup>2</sup> (Yield)	23.0	MPa	ISO 37
Tensile Elongation <sup>3</sup> (Break)	600	%	ISO 37
NOTE			
1.	500 mm/min		
2.	Type 1A, 500 mm/min		
3.	Type 1A, 500mm/min		

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## Recommended distributors for this material

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