

Breakthrough Newsheet

Asahi Kasei Chemicals Corporation Synthetic Rubber Division

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Superior shock absorption, in foamed S.O.E.™ cushion - High-performance sportshoe shock absorber -

◆ 7% resilience, in ball-drop test at 22°C.

Foamed S.O.E.™ properties

Property	Unit	S.O.E.™	
		Compression	Remolded
Hardness ^a	-	35	33
Resilience ^b	%	7	8
Specific gravity	-	0.164	0.170
Tensile strength	kgf/cm ² MPa	17 1.7	16 1.6
Elongation	%	210	240
Tear strength	kgf/cm N/cm	5.6 55.0	4.6 45.1
Compression set ^c	%	48	39

Sports shoe application



shock absorber marked by oval

^aAsker C test.

^bBall-drop test, at 22°C.

^c50 °C x 6h.

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