

S.O.E.TM S1611

SEBS: Hydrogenated Styrenic Thermoplastic Elastomer

Essentials

Asahi Kasei S.O.E.TM 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.

Basic Characteristics of S.O.E.TM S1611

Property	Test Method	Value
Specific Gravity (g/cm ³)	ISO 1183	1.02
MFR (g/10 min) 190 °C, 2.16 kg Load	ISO 1133	4.0
Hardness Durometer Type A	ISO 7619	71
Tensile Strength (MPa) Dumbbell: Type 1A 500 mm/min	ISO 37	23.0
Elongation (%) Dumbbell: Type 1A 500 mm/min		600
300% Tensile Stress (MPa)		4.0
Dunlop Rebound Resilience 23°C	BS903	5.0
Peak Temp, of Tanδ	-	9
Physical Form	-	Pellet

Please note that all data and values are given as typical results obtained with the indicated test methods for purposes of basic reference in grade selection only, and not as any product specification or warranty of any nature, and are subject to change without notice.

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