

TUFTEC™ P1083**SEBS: Hydrogenated Styrenic Thermoplastic Elastomer****Essentials**

Asahi Kasei Tuftec™ P1083 is a selectively hydrogenated polymer with high resilience. It is particularly used as a modifier to yield high resilience to foam made from EVA or TPO for shoe mid soles.

Basic Characteristics of Tuftec™ P1083

Property	Test Method	Value
Specific Gravity (g/cm ³)	ISO 1183	0.89
MFR (g/10 min) 190 °C, 2.16 kg Load	ISO 1133	3.0
Hardness Durometer Type A	ISO 7619	56
Tensile Strength (MPa) Dumbbell: Type 1A 500 mm/min	ISO 37	9.0
Elongation (%) Dumbbell: Type 1A 500 mm/min		700
300% Tensile Stress (MPa)		3.0
Styrene / Ethylene-Butylene Ratio	Asahi Kasei Method	20/80
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.

