

TUFTEC™ H1517

SEBS: Hydrogenated Styrenic Thermoplastic Elastomer

Essentials

Asahi Kasei Tuftec™ H1517 offers good compatibility for styrenic resin and polyphenylene ether (PPE). It is also suited as impact modifier for cyclo olefin polymer (COP) and cyclo olefin copolymer (COC). It is particularly suited as a compatibilizer of PP / PPE or polystyrene (PS) blends.

Basic Characteristics of Tuftec™ H1517

Property	Test Method	Value
Specific Gravity (g/cm3)	ISO 1183	0.93
MFR (g/10 min) 230 °C, 2.16 kg Load	ISO 1133	3.0
Hardness Durometer Type A	ISO 7619	92
Tensile Strength (MPa) Dumbbell: Type 1A 500 mm/min	ISO 37	16.0
Elongation (%) Dumbbell: Type 1A 500 mm/min		780
300% Tensile Stress (MPa)		7.6
Styrene / Ethylene-Butylene Ratio	Asahi Kasei Method	43/57
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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