

TUFTEC™ H1052

SEBS: Hydrogenated Styrenic Thermoplastic Elastomer

Essentials

Asahi Kasei Tuftec™ H1052 shows moderate adhesion and is good for adhesive layer of protective films by multi-layer extruding process or easy peel films. It is also used as an impact modifier of polypropylene (PP). Its excellent stretch property provides stretch films such as food wrapping film.

Applications

Adhesives and sealants components. Olefinic and styrenic resins modifier for high impact strength. Compatibilizer. Flexible films. Base polymer for SEBS compounds.

Basic Characteristics of Tuftec™ H1052

Property	Test Method	Value
Specific Gravity (g/cm ³)	ISO 1183	0.89
MFR (g/10 min) 230 °C, 2.16 kg Load	ISO 1133	13.0
Hardness Durometer Type A	ISO 7619	67
Tensile Strength (MPa) Dumbbell: Type 1A 500 mm/min	ISO 37	11.8
Elongation (%) Dumbbell: Type 1A 500 mm/min		700
300% Tensile Stress (MPa)		2.5
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.

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