AsahiKASEI

TUFTEC™ H1041

SEBS: Hydrogenated Styrenic Thermoplastic Elastomer

Essentials

Asahi Kasei Tuftec™ H1041 is good for easy peel film application. It can be also used as a modifier for a variety of plastics with its superior balance of mechanical property and melt flowability.

Applications

Olefinic and styrenic resins modifier for high impact strength, e.g. IC trays. Compatibilizer. Adhesives and sealants components. Base polymer of SEBS molding compounds.

Basic Characteristics of Tuftec™ H1041

Property	Test Method	Value
Specific Gravity (g/cm3)	ISO 1183	0.91
MFR (g/10 min) 230 °C, 2.16 kg Load	ISO 1133	5.0
Hardness Durometer Type A	ISO 7619	84
Tensile Strength (MPa) Dumbbell: Type 1A 500 mm/min	ISO 37	21.6
Elongation (%) Dumbbell: Type 1A 500 mm/min		650
300% Tensile Stress (MPa)		3.4
Styrene / Ethylene-Butylene Ratio	Asahi Kasei Method	30/70
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.