AsahiKASEI

TUFTEC™ H1062

SEBS: Hydrogenated Styrenic Thermoplastic Elastomer

Essentials

Asahi Kasei Tuftec™ H1062 is designed for an impact modifier of polypropylene (PP). It provides good balance of properties and can improve impact resistance property at room and low temperature. H1062 can be used as an additive to enhance heat sealability of PP film.

Applications

Primarily as modifier of PP for automotive exteriors and interiors. Also effective as modifier of PP for films of medical and pharmaceutical applications and other various applications, particularly those requiring elongation and low-temperature performance, as base polymer of SEBS compounds, and as adhesives and sealants component.
E.g. films for IV bags, elastic ribbon films, no-coat airbag covers, bumpers

Basic characteristics of Tuftec™ H1062

Property	Test Method	Value
Specific Gravity (g/cm3)	ISO 1183	0.89
MFR (g/10 min) 230 °C, 2.16 kg Load	ISO 1133	4.5
Hardness Durometer Type A	ISO 7619	67
Tensile Strength (MPa) Dumbbell: Type 1A 500 mm/min	ISO 37	15.0
Elongation (%) Dumbbell: Type 1A 500 mm/min		670
300% Tensile Stress (MPa)		4.3
Styrene / Ethylene-Butylene Ratio	Asahi Kasei Method	18/82
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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