

TUFTEC™ H1272

SEBS: Oil-extended Hydrogenated Styrenic Thermoplastic Elastomer

Essentials

Asahi Kasei Tuftec™ H1272 is oil-extended high-molecular-weight grade which is used as impact modifier for PPO and a base material for SEBS compounds.

Applications

Engineering plastics modifier for high impact strength. Compatibilizer. Base polymer for SEBS molding compounds.

E.g. IC trays, grips for ski stocks, no-coat airbag covers.

Basic Characteristics of Tuftec™ H1272

Property	Test Method	Value
Density (g/cm3)	ISO 1183	0.90
MFR (g/10 min) 230 °C, 2.16 kg Load	ISO 1133	No Flow
Hardness Durometer Type A	ISO 7619	35
Tensile Strength (MPa) Dumbbell: Type 1A 10 mm/min	ISO 37	18.6
Elongation (%) Dumbbell: Type 1A 500 mm/min		950
300% Tensile Stress (MPa)		1.0
Styrene / Ethylene-Butylene Ratio	Asahi Kasei Method	35/65
Oil Content (wt%)		36
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.