

TUFTEC™ N504

SEBS: Hydrogenated Styrenic Thermoplastic Elastomer

Essentials

Asahi Kasei Tuftec™ N504 is a high-molecular-weight grade, which is used as an impact modifier of polyphenylene ether (PPE). TPE compounds are available based on N504 if blending PP, oil and other ingredients.

Basic Characteristics of Tuftec™ N504

Property	Test Method	Value
Specific Gravity (g/cm3)	ISO 1183	0.91
MFR (g/10 min) 230 °C, 2.16 kg Load	ISO 1133	No flow
Hardness Durometer Type A	ISO 7619	-
Tensile Strength (MPa) Dumbbell: Type 1A 500 mm/min	ISO 37	-
Elongation (%) Dumbbell: Type 1A 500 mm/min		-
300% Tensile Stress (MPa)		-
Styrene / Ethylene-Butylene Ratio	Asahi Kasei Method	32/68
Physical Form	-	Crumb

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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