

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/cm ³) | 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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