

**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/cm <sup>3</sup> )                          | ISO 1183           | 0.90    |
| MFR (g/10 min)<br>230 °C, 2.16 kg Load                | ISO 1133           | No Flow |
| Hardness<br>Durometer Type A                          | ISO 7619           | 35      |
| Tensile Strength (MPa)<br>Dumbbell: Type 1A 10 mm/min | ISO 37             | 18.6    |
| Elongation (%)<br>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.*

**For Further Information:**

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