

TUFTEC™ H1052

SEBS: Hydrogenated Styrenic Thermoplastic Elastomer

Essentials

Asahi Kasei Tuftec™ H1052 shows moderate adhesion and is good for adhesive layer of protective films by multi-layer extruding process or easy peel films. It is also used as an impact modifier of polypropylene (PP). Its excellent stretch property provides stretch films such as food wrapping film.

Applications

Adhesives and sealants components. Olefinic and styrenic resins modifier for high impact strength. Compatibilizer. Flexible films. Base polymer for SEBS compounds.

Basic Characteristics of Tuftec™ H1052

| Property | Test Method | Value |
|--|--------------------|--------|
| Specific Gravity (g/cm ³) | ISO 1183 | 0.89 |
| MFR (g/10 min) 230 °C, 2.16 kg Load | ISO 1133 | 13.0 |
| Hardness Durometer Type A | ISO 7619 | 67 |
| Tensile Strength (MPa) Dumbbell: Type 1A 500 mm/min | ISO 37 | 11.8 |
| Elongation (%) Dumbbell: Type 1A 500 mm/min | | 700 |
| 300% Tensile Stress (MPa) | | 2.5 |
| Styrene / Ethylene-Butylene Ratio | Asahi Kasei Method | 20/80 |
| 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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