

Hydrogenated Styrenic Thermoplastic Elastomer

Improving the recyclability of interior components

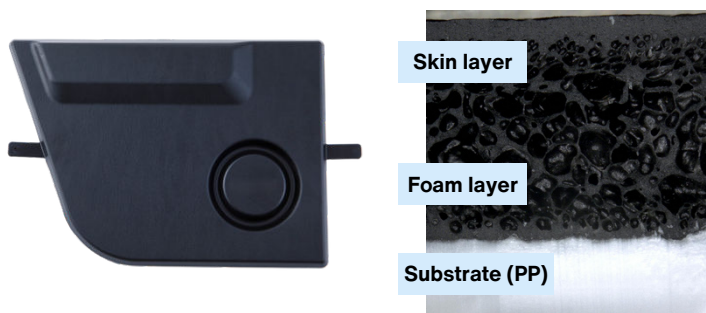
Product Overview

Tuftec and S.O.E. are products of Asahi Kasei's TPE (SEBS and SBBS) family. The tailor designed S.O.E. grade L614 combines an outstanding flow behavior while maintaining the high mechanical strength and abrasion resistance of the S.O.E. type TPEs. The high flow enables large injection molded parts also in combination with a foaming step.

Application Fields

- Automotive instrument panels, armrests or center consoles
- Applications requiring very good flow behaviour

Structure of S.O.E.™ L614



Features of S.O.E.™ L614

Conventional approaches for automotive instrument panels, armrests, or center consoles use different materials and production technologies for skin, foam, and core layers.



S.O.E. L614, as part of a TPE compound,

- Can be used for skin and foam layers at the same time in a 3 layers construction
- Allows large parts injection molding and core back or insert injection molding
- Provides excellent adhesion to the polypropylene (PP)-based substrate layer

Benefits for Customers

Asahi Kasei's new SEBS contributes to reducing the total number of materials, simplifying the manufacturing process, and improving the recyclability of interior components. The strong chemical bonding between all layers eliminates the need for additional adhesive layers.

Further Information

<https://www.akelastomer.com/en/products/tuftec/>

