

RegiSeal® e-Thermo – Ecovative™ Data Sheet

Mileage Range Increase of Electric Cars





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RegiSeal® e-Thermo is a thermal package especially recommended for electric cars. Equipping vehicle interior including headliner, door panels and parcel shelf with this innovative PUR foam leads to a significantly improved insulation and a positive effect on battery consumption.



The acoustic and thermal performance of the RegiSeal® e-Thermo package was evaluated in theoretical as well as practical tests under real road conditions in a re-equipped BMW i3. Initial measurements at a standstill show that the electric car has up to 5 % more charging capacity after 4 hours than the comparable BMW i3 with standard equipment.

PLANET



Resource conservation

- High material efficiency through prolonged service life thanks to excellent hydrolytic stability and material resistance
- 50% lighter than original car parts

PEOPLE



Health protection

- Improved air quality by highly reduced emission (VOC, FOG) and low odor

People safety

- Ensuring passenger safety through flame resistance according to FMVSS 302

PERFORMANCE



Optimized functionality

- Improved insulation is reducing the battery consumption by up to 5% which leads to increased mileage range

Operational efficiency

- Excellent processability with other materials used in vehicles interiors, such as textiles and nonwovens

Learn more - Visit our [website](https://www.foampartner.com/en/acoustic-thermal-solutions/) to learn more about acoustic & thermal solutions for the automotive industry.

Contact us

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The Ecovative label stands for our promise "Best in Foam - Sustainable through Innovation" and is our award for innovative product solutions with special sustainable and economic value.