RegiSeal® e-Thermo – Ecovative™ Data Sheet

Mileage Range Increase of Electric Cars
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.

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

**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

**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 textiles and nonwovens

Learn more - Visit our website to learn more about acoustic & thermal solutions for the automotive industry.