

# BATTERY PROTECTION 3D PRINTED DEMO

SABIC

## XENOY™ HTX resin

High temperature XENOY HTX resin

## CHALLENGE

Save weight without compromising side-crash protection of an electric vehicle's battery structure.

## SABIC SOLUTION

A structural hybrid design with e-coat capable, high temperature XENOY resin can be 40-60% lighter (up to 20 kg) and absorb up to 10% more impact energy than a conventional steel or aluminum solutions.

## SUSTAINABILITY SOLUTION

The potential weight savings made possible with this SABIC design and use of XENOY HTX resin can help reduce an electric vehicle's overall weight, contributing to potential energy consumption savings and extended range.



WEIGHT SAVINGS



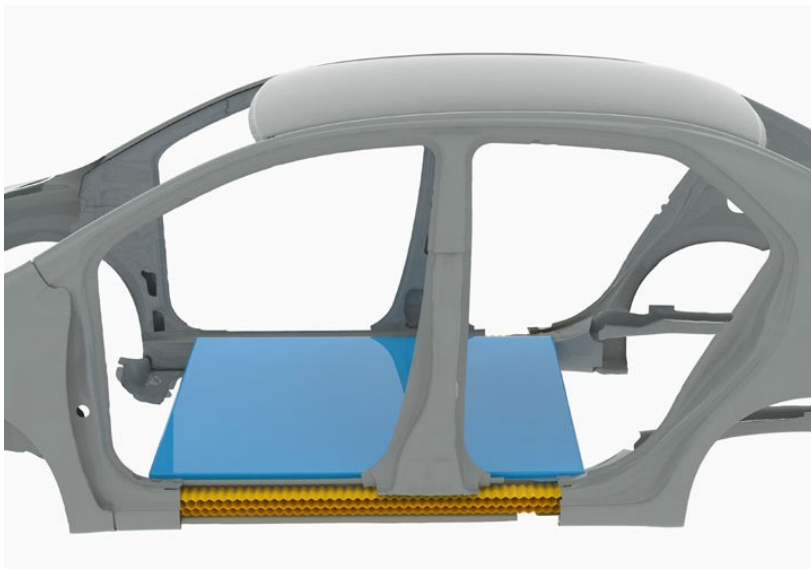
STRENGTH



COST SAVINGS



HEAT RESISTANT



[CLICK HERE FOR MORE INFORMATION](#)

---

## CONTACT US

### SABIC HEADQUARTERS

PO Box 5101  
Riyadh 11422  
Saudi Arabia  
T +966 (0) 11 225 8000  
F +966 (0) 11 2259000  
E [info@sabic.com](mailto:info@sabic.com)

### EUROPE

SABIC Europe Head Office  
PO Box 5151  
6130 PD Sittard  
The Netherlands  
T +32 (46) 722 2222  
F +32 (46) 722 0000  
E [info@sabic.com](mailto:info@sabic.com)

### ASIA PACIFIC

SABIC Asia Pacific Head Office  
One Temasek Avenue#06-01  
Millenia Tower  
Singapore 039192  
T +65 6557 2555  
F +65 6531 8101  
E [info@sabic.com](mailto:info@sabic.com)

### SABIC (SHANGHAI) TRADING CO. LTD.

2550, Xiupu Road Pudong Shanghai 201319  
China  
T +86 21 2037 8188  
F +86 21 2037 8288

### UNITED STATES

SABIC Americas Head Office  
Suite 650  
2500 City West Boulevard  
Houston, TX 77042  
USA  
T +1 713 532 4999  
F +1 713 532 4994  
E [info@sabicamericas.com](mailto:info@sabicamericas.com)

DISCLAIMER: THE MATERIALS, PRODUCTS AND SERVICES OF SAUDI BASIC INDUSTRIES CORPORATION (SABIC) OR ITS SUBSIDIARIES OR AFFILIATES ("SELLER") ARE SOLD SUBJECT TO SELLER'S STANDARD CONDITIONS OF SALE, WHICH ARE AVAILABLE UPON REQUEST. INFORMATION AND RECOMMENDATIONS CONTAINED IN THIS DOCUMENT ARE GIVEN IN GOOD FAITH. HOWEVER, SELLER MAKES NO EXPRESS OR IMPLIED REPRESENTATION, WARRANTY OR GUARANTEE (i) THAT ANY RESULTS DESCRIBED IN THIS DOCUMENT WILL BE OBTAINED UNDER END-USE CONDITIONS, OR (ii) AS TO THE EFFECTIVENESS OR SAFETY OF ANY DESIGN OR APPLICATION INCORPORATING SELLER'S MATERIALS, PRODUCTS, SERVICES OR RECOMMENDATIONS. UNLESS OTHERWISE PROVIDED IN SELLER'S STANDARD CONDITIONS OF SALE, SELLER SHALL NOT BE RESPONSIBLE FOR ANY LOSS RESULTING FROM ANY USE OF ITS MATERIALS, PRODUCTS, SERVICES OR RECOMMENDATIONS DESCRIBED IN THIS DOCUMENT. Each user is responsible for making its own determination as to the suitability of Seller's materials, products, services or recommendations for the user's particular use through appropriate end-use and other testing and analysis. Nothing in any document or oral statement shall be deemed to alter or waive any provision of Seller's Standard Conditions of Sale or this Disclaimer, unless it is specifically agreed to in a writing signed by Seller. Statements by Seller concerning a possible use of any material, product, service or design do not, are not intended to, and should not be construed to grant any license under any patent or other intellectual property right of Seller or as a recommendation for the use of any material, product, service or design in a manner that infringes any patent or other intellectual property right. SABIC and brands marked with ™ are trademarks of SABIC or its subsidiaries or affiliates.

© 2019 Saudi Basic Industries Corporation (SABIC). All Rights Reserved.

---