

MobilityScience[™]

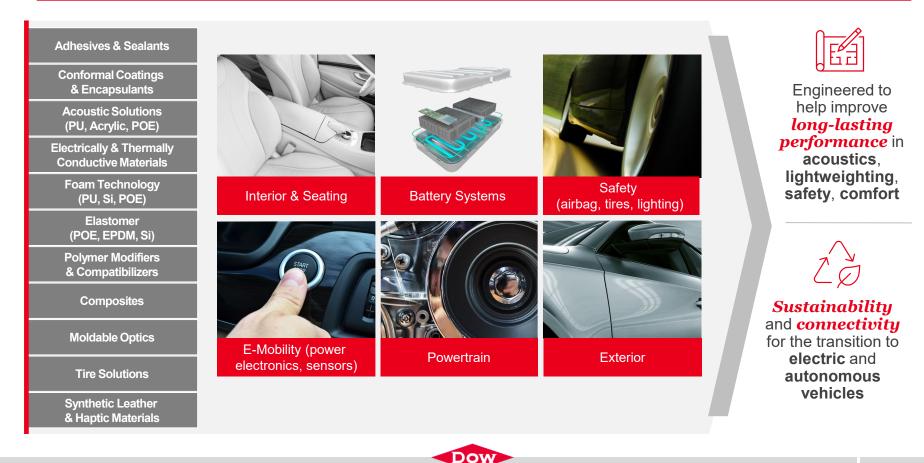
CHI-HAO CHANG AND RYAN SMITH

NAATBatt 2025 EXTENDING RANGE

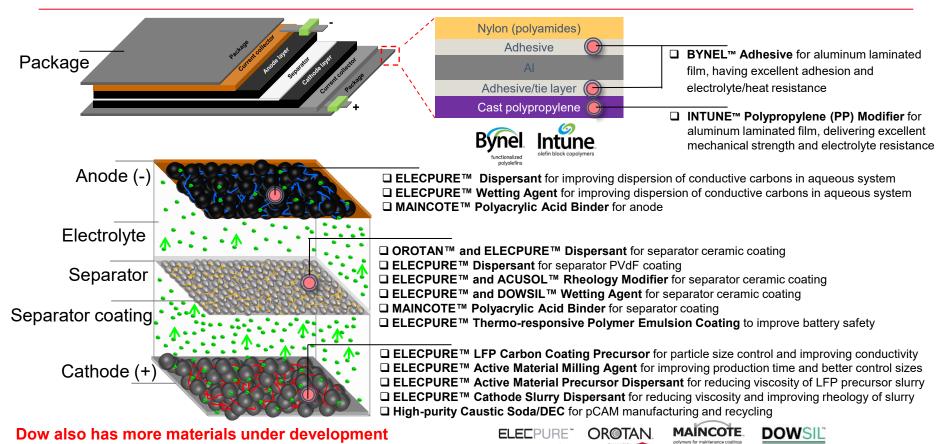
February 17-20, 2025 Orlando, Florida

PORTFOLIO OF ENGINEERED MATERIALS DESIGNED FOR MOBILITY

MobilityScience[™]



DOW BATTERY MATERIAL SOLUTIONS

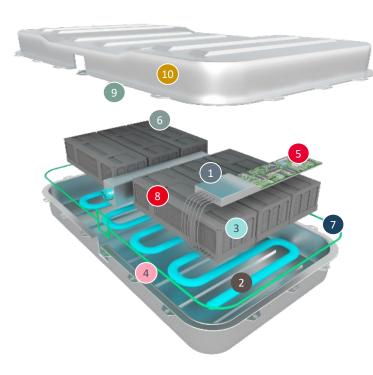


NAATBatt 2025 EXTENDING RANGE

for collaboration

MobilityScience[™]

DOW BATTERY MODULE/PACK ASSEMBLY SOLUTION



Dow e-mobility portfolio

Encapsulants

absorption

Gap fillers

elongation

Adhesives

vibration inhibition

Coolant fluid

dissipation

Lightweighting, cable protection,

dielectric encapsulation, vibration

Thermal conductivity, low density,

thermal resistance, enhanced

Thermal conductivity, heat cure

acceleration, high elongation,

Improved battery pack heat



Potting foam; encapsulation and structural

Cell fire protection, vibration absorption, thermal insulation, structure



Foam gaskets, sealants

Efficient sealing and EMI shielding



Cell cushion/thermal barrier

Offers proper compression set between cells; helps prevent thermal propagation



Fire protection coating

processing

Coating to protect aluminum and steel from hot particle flame



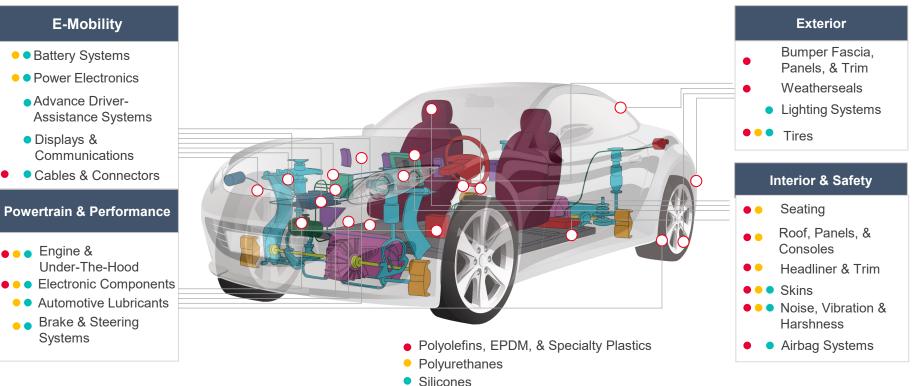
Fiber-reinforced and foam polymer composite housing Lightweighting, durability, fast

Conformal coatings Protection against moisture, dust, static

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For a full 3D interactive experience, <u>click here</u>



Contact us - Dow will be your material partners for battery material solutions and battery assembly solutions



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Seek

Together[™]