

# AROTRAN™ 805

## UV-STABLE SMC RESIN SYSTEM

At INEOS Composites, we strive to be good partners by meeting the expectations that are important to our customers. Today, that means we're focused on reducing our environmental footprint, while continuing to provide the innovative products and sustainable solutions our customers require.

Working with you to find solutions that meet your performance standards as well as end user expectations – that's where INEOS excels. Look no further than our work advancing truck bed performance as an example. Truck beds are exposed to long hours of sunlight which can result in undesirable gloss and color loss. In addition, painting and finishing parts after production can add countless work hours and substantial cost to an original equipment manufacturer's (OEM) operation. While in the field, truck beds see the kind of heavy duty use that can scratch away the paint and finish, resulting in exposed materials. The Arotran™ 805 resin system was designed to address these unique issues.

The Arotran™ 805 resin system provides a molded-in black color that eliminates the need for paint. The through-black color means that scratches and dings don't show in heavy duty applications. This material package is formulated using UV-stable technology providing excellent color stability and gloss retention even after extensive weather exposure.

Parts made from the Arotran™ 805 resin system will maintain gloss retention with minimal color change, even after 3,500 hours of UV exposure.

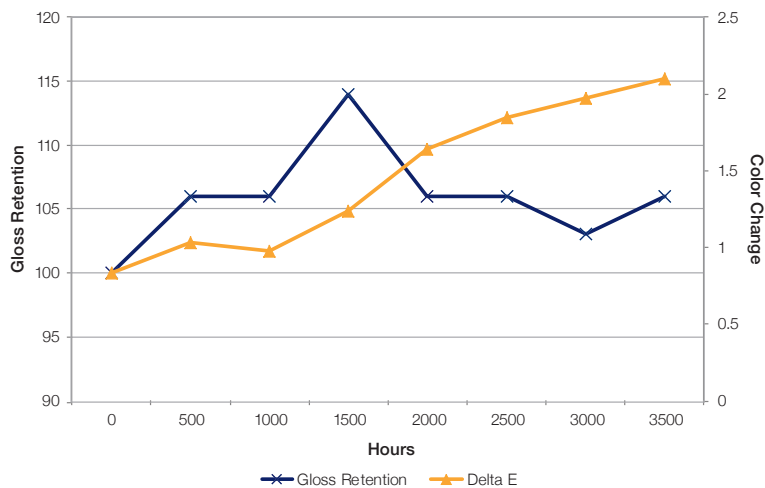
### Applications

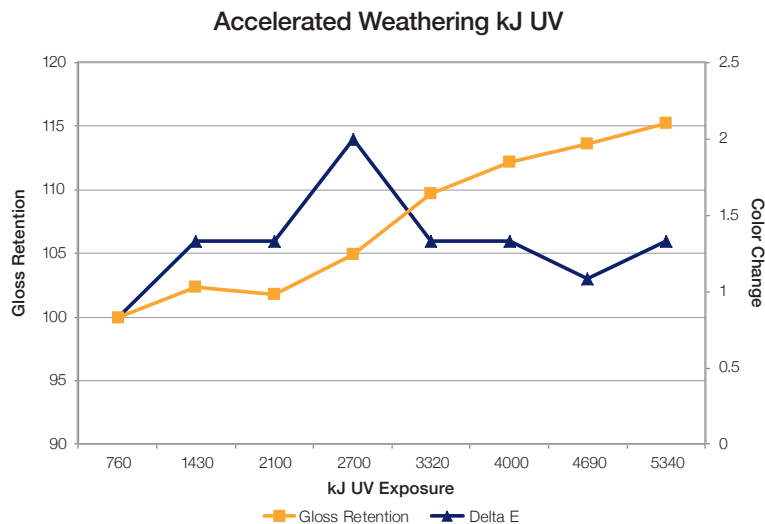
- Truck box
- Tailgate
- Rear hatch
- Tire cover

### Benefits

- Produces large part with very complex design
- Tougher than thermoplastics
- Lowers emissions by eliminating the need for paint
- Provides good shrink control

Accelerated Weathering Hours





## Worldwide resources dedicated to helping the automotive industry design and manufacture the cars of tomorrow.

From door panels to deck lids and valve covers to heat shields, INEOS' products and technical abilities will help in the manufacture of lightweight parts. While primary research and development activities are based in the United States, we also maintain product development teams in Asia and Europe to ensure we develop solutions suited to our global customer base.

INEOS' technical service team has an industry-leading reputation for solving problems and collaborating with customers to improve processes. We will work closely with our customers to understand specific application challenges and recommend the best product to meet business objectives. Whether focused on product design, process optimization or new product development, INEOS prides itself on building strategic partnerships that lead to innovative solutions. Visit [ineos.com/composites](http://ineos.com/composites) to learn more.

## GLOBAL PRESENCE

### Global Headquarters INEOS Composites

**North America**  
Dublin, OH USA  
Tel: +1 614 790 9299  
[Americascustomer.composites@INEOS.com](mailto:Americascustomer.composites@INEOS.com)

### Regional Centers

**Asia Pacific**  
Shanghai, P.R. China  
Tel: +86 21 2402 4688  
[ASIAcustomer.composites@INEOS.com](mailto:ASIAcustomer.composites@INEOS.com)

**Europe**  
Barcelona, Spain  
Tel: +34 93 206 5120  
[EMEAcustomer.composites@INEOS.com](mailto:EMEAcustomer.composites@INEOS.com)

**India**  
Navi Mumbai  
Tel: +91 22 6148 9696  
[EMEAcustomer.composites@INEOS.com](mailto:EMEAcustomer.composites@INEOS.com)

**Latin America**  
Araçariquama, São Paulo, Brazil  
Tel: +55 11 4136 6477  
[Americascustomer.composites@INEOS.com](mailto:Americascustomer.composites@INEOS.com)

© Registered trademark, INEOS or its subsidiaries, registered in various countries

™ Trademark, INEOS or its subsidiaries, registered in various countries

© 2019, INEOS / COM19-13311.1

All statements, information, and data presented herein are believed to be accurate and reliable, but are not to be taken as a guarantee of fitness for a particular purpose, or representation, express or implied, for which seller assumes legal responsibility. No freedom to use any patent owned by INEOS, its subsidiaries, or its suppliers is to be inferred.

# INEOS Composites