

## Tailgate hinges, Peugeot 308 SW



### Application information

|                              |  |
|------------------------------|--|
| <b>Industry</b>              | Automotive/Transportation  |
| <b>Processor</b>             | Sika   |
| <b>Material</b>              | Ultramid® A3WG10 - PA66-GF50 - BASF  |
| <b>Description</b>           | Tucked away in the tailgate hinges of the new Peugeot 308 sw is a high-strength hybrid part developed by Sika employing BASF's Ultramid® A3WG10 CR (gray) and the structural foam SikaReinforcer® 911NT/2 (yellow) as well as two metal tabs needed to attach the part. This is the first time that a member of BASF's new CR class of Ultramid polyamides is used as a structural component in serially-produced vehicles. This material lends itself particularly well for such high-strength applications and its capabilities can be precisely calculated by means of BASF's Integrative Simulation. |
| <b>Source of Information</b> | BASF News Release P454e, October 6, 2009   |
| <b>Copyright Information</b> | Copyright on Application Information and Image by BASF   |