

## **2nd Progress Report of the Informal Group on Plastic Glazing**

1. The Informal Group on Plastic Glazing has had a 2<sup>nd</sup> meeting on 14/15 June 2011 at KRD in Geesthacht close to Hamburg/Germany. The company KRD is manufacturer of plastic windscreens and there were the possibilities for the group members to inspect the windscreens and side windows on police cars and forestry tractor cab and to see the production line.
  2. The test results of the Taber abrasion round robin test were presented and discussed. Because of the discrepancies in the results and some debate the Taber test was put aside till there will be more results from ISO on this test in December 2011.  
Other tests assessing abrasion were discussed and it was decided to create two new task forces examining by round robin tests respectively the sand drop test and Amtec-Kistler test. The results of these tests will be presented at the next meeting of the Informal Group on 21/22. November 2011.  
Results of outstanding tests on resistance to temperature changes and ball drop tests will also be reported on the next meeting.
  3. The regulatory text for plastic windscreens was continued on the basis of document ECE/TRANS/WP.29/GRSG/2009/8. It was agreed to follow the gtr6 principle of pass/fail criteria in the regulation.  
A headform test on 6 real windscreens was accepted.  
The ball drop test shall be performed on samples with a temperature of -18°C and it shall also be used after the humidity test, which also should be performed.  
Weathering and cross-cut test are kept.  
The requirement for the fire-resistance test of a burn rate of 110 mm/min shall be kept.
  4. A first report on comparison tests of laminated glass and polycarbonate windscreens was given by the Federal Highway Research Institute (BASt) and will be discussed in the next meeting when all results will be available.
  5. The next meetings of the Informal Group will be on 21/22. November 2011 at BAYER/Leverkusen, on 06/07. March 2012 in Bonn and on 05/06. September 2012 in Paris.
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