

Senoplast CTMS- Colour Tone Management System

Testing of UV Resistance of new colours

Step 1 - Injection moulded Colour sample

- 310 hours of Megasun accelerated weathering
- first indication if colour package is UV resistant

Step 2 - Extruded and thermoformed sample

- initial, accepted extruded sample
- 1500 hours of Xenon Alpha A weathering
- colour shift compared to non- weathered sample

Step 3 - Extruded and thermoformed sample

- 1 Year of Florida outdoor weathering according automotive standards
- colour shift compared to non- weathered sample

Final Step - Release of Colour for Production

Status RED: - Problems with UV stability arise during the steps of optimising colour for initial extrusion trial

Status Yellow: - Initial extrusion trial met specification but small steps for optimising the colours are needed.
- The weathering tests on initial extrusion samples are not finished.

Status Green: The colour is officially released.
All weathering tests are finished. Both the results of these tests, as well as the colour of the sheets are approved by the customer.

If status green is not met for a certain colour, the responsibility for producing this colour lies with the customer. Senoplast will not accept any claims that are caused by UV degradation of a colour, that has status red or yellow.