

Polymer materials, testing of weathering resistance



We all like the sun. We become happy when it shines brightly. But the effects of daylight, heat, moisture and other climatic stresses may have influence on the aesthetic and mechanical properties of your plastics. The resistance to these effects can now be investigated by experts with years of experience.

You are...

If you are a manufacturer or user of polymer material products for outdoor applications, then it is good to know that Kiwa is involved in testing the weathering resistance of polymer materials and products.

Because you know better than anyone that plastics are often used out- or indoors exposed to daylight or to daylight behind glass for long periods. The effects of daylight, heat, moisture and other climatic stresses may have influence on the aesthetic and mechanical properties of plastics and for that reason the resistance to these effects is investigated.

Evaluation according to international standards

Using the products in the applications they are designed for and measuring the influence of these effects is most of the time not practical. In most cases it takes too long time. Alternatively, test methods are used where test pieces are exposed to laboratory light sources and the combined effect of ultra violet radiation, moisture and heat to the material properties is measured as a function of the exposure time.

Kiwa has several testing equipment to evaluate the artificial weathering of polymer materials according to international standards.

More information

If you have questions regarding independent evaluation of the suitability of polymer materials for outdoor applications, please

Kiwa N.V.
info@kiwa.nl
+31 (0)88 998 44 00



contact us at rubber@kiwa.nl.

About Kiwa

Kiwa has specialized business units that focus on specific market segments, in the Netherlands and internationally. We offer specialist services in areas such as energy and water, fire safety and security, infrastructure, roof and facade advice, sports facilities and training. You can contact these business units for testing, inspection, certification, training and consultancy tailored to your market segment.

Kiwa N.V.
info@kiwa.nl
+31 (0)88 998 44 00

