The Polymer Materials Laboratory offers the following tests:

- resistance to weather conditions;
- UV resistance;
- corrosion resistance in a salt spray chamber;
- colour and gloss measurements;
- thermal shock resistance;
- resistance to temperature and humidity;
- product lifetime determination based on climatic tests;
- climatic tests simulating exposure to the atmospheric conditions for any geographical region.

Tests particularly for:
ACCELERATED AGING TESTS

The Polymer Materials Laboratory:

The Polymer Materials Laboratory is equipped with the following instruments:

- Chamber for UV accelerated aging (Q-LAB QUV Spray);
- Thermal shock chamber (WEISS TS 60);
- Climatic chamber (WEISS WK3 340/70);
- Salt spray chamber (WEISS S.C. KWT 450/SO);
- UltraScan Pro Colorimeter (HunterLab);
- Gloss meter Novo-Gloss Trio 20°/60°/85° (Rhopoint Instruments Ltd.).

The Polymer Materials Laboratory works in a PN-EN ISO / IEC 17025: 2005 Quality System. The laboratory also has a PCA Accreditation (No. AB 1661) for determination of UV radiation resistance and the colour and gloss measurements.

Resistance to UV radiation:

Colour measurement:

Determination of the gloss:
- PN-EN ISO 2813:2014-11 Paints and varnishes - Determination of the gloss at 20, 60 and 85 degrees - excluding coating thickness measurement

Contact:

For pricing, or any other inquiries please contact us: inquiries@port.org.pl