

Plastic and rubber materials in gas appliances - Testing and certification



Difficulties with selecting the most suitable polymer material for a certain component in relation to its function and environment? Kiwa can support you in securing the quality, safety and reliability of plastic or rubber components in gas appliances, by providing technical consultancy, supported by testing.

You are...

Are you a gas appliance manufacturer or supplier? An installer or asset owner? Or someone who seek answers to enquiries regarding plastics and rubbers in gas applications? Then you probably know that in gas appliances more and more metal components are replaced by plastic alternatives. This is also true for the pipes with which these appliances are connected to the indoor gas piping installation. Good to know that rubber components like O-rings and diaphragms are important for the proper functioning of the equipment.

Quality, safety and reliability

Our experts can support you in securing the quality, safety and reliability of plastic or rubber components in gas appliances, by providing technical consultancy, supported by testing. We can also support you with selecting the most suitable polymer material for a certain component in relation to its function and environment.

The total overview of services and solutions that we offer regarding plastics and rubbers in gas appliances and installations is given below:

- Certification of plastic and rubber components
- Product inspections
- Physical & mechanical testing

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- Chemical resistance testing
- Testing of pipe joints
- Service life investigations and residual lifetime assessments
- Technical Consultancy
- Trouble shooting
- Damage/failure analyses
- Independent arbitrations
- Market research
- Support in product development
- Training & seminars

More information

When questions arise regarding quality and service life of components and equipment, please feel free to contact us at rubber@kiwa.nl. We are happy to help you to find a solution for your needs.

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.

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