

Polymer materials in sewage and drainage - Certification and testing



Now and in the future, more rain is falling down. Therefore, the quality of the plastics piping products should make a problem less use possible during the complete service life (mostly 50 years). You can check the quality with an independent test. Or certification and quality related services regarding plastics in pipes and fittings for sewage and drainage is possible.

You are...

If you are working in the polymer industry or in sewage and drainage water management. Or if you are a plastics pipe manufacturer, a constructor, or perhaps an end users. Then you know that the management of water sewage and drainage is very important, especially for urban societies. In many cases the surplus of rain water, process water or sewage water has to be transported away from streets and buildings. Modern piping systems are increasingly made of thermoplastics, like polyethylene (PE), polypropylene (PP) and PVC. For large diameter sewage and drainage pipes also glass reinforced plastics (GRP) are used.

Services for your needs

The quality of the plastics piping products should make a problem less use possible during the complete service life (mostly 50 years). With respect to this field of application the Kiwa can help you with a number of services:

- Certification of plastic pipes and fittings
- Product inspections
- Physical & mechanical testing of plastic materials and products
- Chemical resistance testing of plastic materials
- Testing of pipe joints

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- Service life investigations>(residual lifetime assessments)
- Technical Consultancy
- Trouble shooting
- Damage/failure analyses
- Independent arbitrations
- Market research
- Support in product development
- Training & seminars
- Development of test methods
- Drafting of guidelines and standards

More information

When questions arise regarding quality and service life of sewage and drainage pipes, please 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.

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