

Annex to declaration of accreditation (scope of accreditation)  
Normative document: EN ISO/IEC 17025:2017  
Registration number: **L 054**

of **Wavin Technology & Innovation B.V.**  
**Laboratory**

This annex is valid from: **01-12-2021** to **01-01-2024**

Replaces annex dated: **28-07-2021**

**Location(s) where activities are performed under accreditation**

**Head Office**

Rollepaal 20  
7701 BS  
Dedemsvaart  
The Netherlands

Location	Abbreviation/ location code
Rollepaal 20 7701 BS Dedemsvaart The Netherlands	DE

No.	Material or product	Type of activity <sup>1</sup>	Internal reference number	Location
1	Thermoplastic pipe, without a fitting	Determination of the resistance to internal water pressure by means of a bursting pressure test	WKV1-1 EN-ISO 1167-1/2	DE
2	Thermoplastic pipe, with a fitting	Determination of the resistance to internal water pressure by means of a bursting pressure test	WKV1-2 EN-ISO 1167-3/4, EN-ISO 13846, EN 803, EN 804, ISO 3458	
3	Thermoplastic pipe	Determination of the resistance to external blows - Staircase method (H50)	WKV2-1 EN ISO 11173	
4		Determination of the resistance to external blows - Round-the-clock method (TIR)	WKV2-2 EN ISO 3127	

This annex has been approved by the Board of the  
Dutch Accreditation Council, on its behalf,

J.A.W.M. de Haas

<sup>1</sup> If there is a referral to a code starting with NAW, NAP, EA or IAF, this concerns a scheme mentioned on the [RvA-BR010-lijst](#).  
If no date or version number is mentioned for a normative document, the accreditation concerns the most current version of the document or scheme.

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5	Thermoplastic pipe	Determination of the ring stiffness by means of a constant deflection	WKV3-1 EN-ISO 9969	DE
6		Determination of the creep ratio by means of a constant deflection	WKV3-2 EN-ISO 9967	
7		Determination of the ring flexibility by means of a deflection method	WKV3-3 ISO 9969, ISO 13968	
8	Test specimen from plastic pipe or fittings	Determination of the Vicat softening temperature (VST)	WKV4-1 EN-ISO 306, EN-ISO 2507-1/2	
9		Determination of the temperature of deflection under load (heat distortion temperature, HDT)	WKV4-2 ISO 75-1/2/3	
10		Determination of the tensile impact strength	WKV5-1 ISO 8256 method A	
11		Determination of the Izod impact strength	WKV5-2 ISO 180	
12		Determination of the Charpy impact strength	WKV5-3 EN-ISO 179-1	
13		Determination of the tensile properties	WKV6 ISO 527-1/2/3, EN-ISO 6259-1, ISO 6259-2/3	
14	Granulates or products of polyolefin's	Determination of the oxidation induction time (OIT) by means of DSC	WKV8-2 ISO 11357-6	
15	Plastics	Determination of the temperature and enthalpy of melting and crystallization by means of DSC	WKV8-3 ISO 11357-3	
16	PVC pipe or fitting (except bi-oriented PVC)	Determination of the degree of fusion by means of DSC	WKV8-4 In-house method	
17	Plastic products (unfoamed)	Determination of the density by means of the immersion test	WKV19 ISO 1183-1, method A	

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18	Pipes and fittings	Determination of dimensions	WKV20 EN-ISO 3126 chapter 5	DE
19	Thermoplastic pipe	Determination of the long term hydrostatic strength by means of the standard extrapolation method (SEM)	WKV21 ISO 9080	
20	PE-X pipe or fitting	Determination of the degree of cross linking by means of solvent extraction (gel content determination)	WKV22 ISO 10147	
21	Pipes	Determination of the longitudinal reversion by means of a shrinkage tests in air or liquid	WKV38-1 EN-ISO 2505	
22	Injection moulded parts	Determination of the visual effect of heating by means of the oven test	WKV38-2 ISO 580, ISO 12091	
23	Fittings	Determination of the leak-tightness of elastomeric sealing ring type joints by means of a bending tests	WKV39-1 ISO 13259	
24	Thermoplastic material	Determination of the melt mass-flow rate (MFR)	WKV41 EN-ISO 1133-1, procedure A	
25	PVC pipe	Determination of the resistance to dichloromethane at a specified temperature (DCMT test)	WKV43 EN-ISO 9852	
26	Plastic test specimens	Determination of the flexural properties (E-modulus) by means of a three-point bending test	WKV44 EN-ISO 178,	
27	Thermoplastic pipe systems	Determination of the resistance of mounted assemblies to temperature cycling by means of a cyclic temperature test at a constant pressure	WKV45 BS 7291-1, DVGW W534, ISO 19893	
28	Thermoplastic pipe systems	Determination of the resistance to elevated temperature cycling by means of a (non-pressure) cyclic temperature test	WKV46 EN-ISO 13257	

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29	Thermoplastic pipe systems	Determination of the resistance of joints to pressure cycling by means of cyclic pressure shock test	WKV47 EN ISO 19892, BS 7291-1, DVGW W534	DE
30		Determination of the resistance to pull-out under constant longitudinal force by means of a tensile test	WKV49 ISO 3501, DVGW W534, BS 7291-2	
31		Determination of the leak-tightness under vacuum	WKV50 EN ISO 13056, DVGW W534	
32	Thermoplastic inspection chamber and manholes	Determination of the structural integrity and durability under (negative) pressure	WKV51 EN 13598-2, ISO 13267	
33	Thermoplastic infiltration box	Determination of short-term compression strength by means of vertical compression of an infiltration box between flat rigid plates	WKV54-1 EN 17150	
34		Determination of long-term compression strength by means of vertical compression of an infiltration box between flat rigid plates	WKV54-2 EN 17151	