

Certification in a nutshell

PE piping

The product is certified by a certification body accredited according to ISO CEI 17 065 by a body recognized by E.A. (European cooperation for Accreditation).

The certified characteristics are the following:

- According to Standard NF EN 12666-1 (pipes and fittings):
Dimensional characteristics (diameter, thickness, sockets)
Ring stiffness
Pressure tightness of joints
Density, Tension
Creep ratio, longitudinal reversion
Quality of elastomeric sealing rings
- According to Standard NF EN 12666-1 (fittings):
MFR (melt mass-flow rate), OIT (oxidation induction time)
Impact resistance
Effects of heating
Flexibility or mechanical strength
Tightness of sealing rings.

The certification reference system is being developed by gathering the views of the different stakeholders:

- professionals producing the product and/or providing the service,
- consumers, users, specifiers,
- administrations, technical experts.

The certification reference system and the valid certificates (or the list of the certified products) are available to the public, free of charge and without any identification information requirement, via a website or any other means.

Whenever technically possible, the certified products are specifically marked, at least with reference to the mark.

The certified characteristics are assessed under the responsibility of the certification body, on the basis of the following checks:

	Admission	Continuous surveillance
Performance an audit of the production by a qualified technical auditor: - Supervision of controls and records of the production: raw materials, processes, end products - Supervision of the quality management provisions: metrology, packaging, storage, traceability, marking of the product, handling nonconformities and customer complaints - Supervision of tests on certified characteristics, if applicable.	Yes	Yes Frequency: 2 audits every 12 months *
Performing tests in a laboratory recognised by the certification body (independent and competent): - Sampling by the certification body on the production site and the market	Yes	Yes Frequency: every 12 months

- (*) - The frequency may be reduced to 1 audit every 12 months, providing that:
+ the previous assessment results have been very successful

This data sheet is a synthesis and aims at a quick understanding by any specifier of the scope and assessment rules for the certification.

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