



ACCREDITATION DOCUMENT

TEST 254

Norner Innovation AS, Scientific Laboratories
Asdalstrand 291
3960 Stathelle

The scope of accreditation is P14 Mechanical testing in accordance with the specifications on the following pages in this document.

The accreditation was initially granted 05.01.2011 and given according to Parliamentary Proposition no. 106 (1989/1990) and the Statutes of Norwegian Accreditation, established by Royal Decree of 7th October 1993.

The organisation complies with the requirements in NS-EN ISO/IEC 17025 (2005)

The accreditation requires regular surveillance, and is valid until 05.01.2016.

The decision of accreditation made by Norwegian Accreditation implies that the organisation has been found to fulfil the requirements for accreditation within the scope.
The organisation itself is responsible for the results of performed measurements.

NORWEGIAN ACCREDITATION

05.01.2011
Date

Inger Ailie Laake
Norwegian Accreditation

Administrative/geographical unit:

Scientific Laboratories

Asdalstrand 291

3960 Stathelle

Permanent facility

P14 Mechanical testing

Object	Parameter	Reference standard	Identity of internal	Comments
Thermoplastics	mass-flow rate (MFR) and volume-flow rate (MVR)	ISO 1133	M730003	
Plastic	Determination of oxidation induction time (isothermal OIT) and oxidation induction temperature (dynamic OIT)	ISO 11357-6	M730514	190-220 °C
Plastic piping systems	Determination of dimensions	ISO 3126	M730108	20 - 600 m m
Thermoplastics pipes	Tensile properties	NS-EN ISO 6259-1	M730036	e > 350 %, 200 %
Thermoplastics pipes, Polyolefin pipes	Tensile strength	ISO 6259-3	M730036	e > 350%, 200%
Thermoplastics pipes	Determination of ring stiffness	ISO 9969	M730035	3 % bending
Plastics	Full-notch creep test (FNCT)	ISO 16770	M730116	50 °C and 80 °C
Plastic	Determination of tensile properties -- Part 2: Test conditions for moulding and extrusion plastics	ISO 527-2	M730041	In combination with ISO 527-1
Thermoplastics pipes	Longitudinal reversion - Test method and parameters	ISO 2505	M730062	Max wall thickness 16mm. Temp PE 110°C and PP 135 °C.
Polyolefin pipes and fittings	Determination of oxidation induction time	NS-EN 728	M730514	190 - 220 °C
Polyolefin pipes	Impact resistance - Falling weight impact	NS-EN 1411	M730936	Height: 0-2m

05.01.2011

Date



Norwegian Accreditation



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