

ISO 13479:2022-06 (E)

Polyolefin pipes for the conveyance of fluids - Determination of resistance to crack propagation - Test method for slow crack growth on notched pipes

Contents		Page
Foreword		iv
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
3.1	Terms related to geometrical dimensions	1
3.2	Terms related to machining of notches	2
4	Symbols and abbreviation	3
4.1	Symbols	3
4.2	Abbreviated terms	3
5	Principle	3
6	Apparatus	4
7	Test piece preparation	4
7.1	General	4
7.2	Test pieces	5
7.3	Notch location and measurement of dimensions	5
7.4	Machining the notches	5
7.5	Number of test pieces	7
8	Conditioning	7
9	Procedure	7
9.1	Hydrostatic-pressure testing	7
9.2	Ligament thickness measurement after testing	7
10	Test report	8
Annex A (normative) Ligament thicknesses		10
Annex B (informative) Test-pressure levels for polyethylene		13
Annex C (informative) Recommended requirements for polyethylene		14
Annex D (normative) Test procedure for the accelerated notched pipe test (ANPT) for PE 100-RC pipes		15
Annex E (normative) Method of measuring notch radius		18
Bibliography		19