Skip to main content Skip to primary navigation	
Menu	
<ul> <li><u>Home Home</u></li> <li><u>About this portal</u></li> <li><u>Latest updates</u></li> </ul>	~
Print <u>Save</u> Email	
Resource detail	
Citations	

## AS/NZS 1462.25:2005 (R2017) Methods of test for plastics pipes and fittings -Method 25: Determination of slow-crack-growth of PE (polyethylene) resins -Notched, constant ligament-stress (NCLS) method

 Table of Contents

 View on Information Provider website

 {{ linkText }}

 Abbreviation

 AS/NZS 1462.25:2005

 Valid from

 29/09/2005

 Information provider

 Standards New Zealand

 Author

 Standards New Zealand, Standards Australia

 Information type

 New Zealand Standard

 Format

 PDF

Cited By <u>This resource is cited by 1 document (show Citations)</u>

### Description

This Standard sets out a method to determine the susceptibility of polyethylene resins to slow-crack-growth under a constant ligament-stress in an accelerating environment.

### Scope

This test method is intended as an index test to assess slow-crack-growth (SCG) resistance for PE compounds. It measures the failure time associated with a given test specimen at a constant, specified, ligament-stress level.

For assistance with locating previous versions, please contact the information provider.

 Table of Contents
 View on Information Provider website
 {{ linkText }}

For assistance with locating previous versions, please contact the information provider.

This resource is cited by:

# AS/NZS 1462.25:2005 (R2017) Methods of test for plastics pipes and fittings -Method 25: Determination of slow-crack-growth of PE (polyethylene) resins -Notched, constant ligament-stress (NCLS) method

This document is CITED BY:

### • <u>AS/NZS 5065:2005</u>

AS/NZS 1462.25:2005 is cited by AS/NZS 5065:2005 (R2016) Polyethylene and polypropylene pipes and fittings for drainage and sewerage applications

Back

# AS/NZS 1462.25:2005 (R2017) Methods of test for plastics pipes and fittings -Method 25: Determination of slow-crack-growth of PE (polyethylene) resins -Notched, constant ligament-stress (NCLS) method

Show what documents this resource is CITED BY Show what documents this resource CITES

Description

This Standard sets out a method to determine the susceptibility of polyethylene resins to slow-crack-growth under a constant ligament-stress in an accelerating environment.

View on Information Provider website

AS/NZS 1462.25:2005 (R2017) Methods of test for plastics pipes and fittings - Method 25: Determination of slow-crack-growth of PE (polyethylene) resins - Notched, constant ligament-stress (NCLS) method

Description

This Standard sets out a method to determine the susceptibility of polyethylene resins to slow-crack-growth under a constant ligament-stress in an accelerating environment.

View on Information Provider website

This resource does not cite any other resources.

# AS/NZS 1462.25:2005 (R2017) Methods of test for plastics pipes and fittings -Method 25: Determination of slow-crack-growth of PE (polyethylene) resins -Notched, constant ligament-stress (NCLS) method

This resource does not CITE any other resources.

Back Close

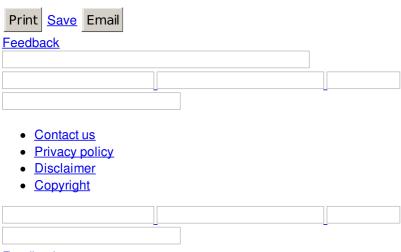
Table of Contents

- 1 Scope
- 2 Principle
- **3 Referenced Documents**

- 4 Apparatus
- **5 Reagent**
- 6 Procedure
- **6.1 Specimen Preparation**
- 6.2 Notching
- 6.3 Calculation Of Specimen Loading
- 6.4 Calculation Of The Arm Weight Correction Factor (Cf)
- 6.5 Testing
- 7 Report
- **8 Precision And Bias**

### 8.1 Precision

### 8.2 Bias



**Feedback**