ISO 13438:2018 (E)

Geosynthetics — Screening test method for determining the resistance of geotextiles and geotextile-related products to oxidation

Contents

Foreword

Introduction

1 Scope

2 Normative references

3 Terms and definitions

4 Method A

4.1 Principle
4.2 Specimens
4.3 Apparatus for oven testing
4.4 Test procedure
4.4.1 Leaching
4.4.1.1 General
4.4.1.2 Water temperature
4.4.1.3 Specimens subjected to leaching
4.4.1.4 Test conditions
4.4.2 Exposure in air
4.4.2.1 General
4.4.2.2 Oven temperature
4.4.2.3 Specimens subjected to heat ageing
4.4.2.4 Duration of the oven test

5 Method B for PVAL

5.1 Principle for first evaluation of service lives
5.2 Apparatus and reagents
5.2.1 Apparatus
5.2.2 Reagents
5.2.3 Specimens
5.3 Test procedure
5.3.1 Quantity of test liquid and of gas phase
5.3.2 Positioning and installing the specimens
5.3.3 Test conditions
5.3.4 Procedure during exposure
5.3.5 Removing the specimens
5.3.6 Control specimens
5.4 Principle for follow up procedure

6 Determination of mechanical properties

7 Test report

Page count: 8