
**Geotextiles and geotextile-related
products — Screening test methods
for determining the resistance to acid
and alkaline liquids**

*Géotextiles et produits apparentés — Méthodes d'essai sélectives pour
la détermination de la résistance aux liquides acides et alcalins*

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Contents

Page

Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Principle	1
5 General requirements and procedure	2
5.1 Apparatus.....	2
5.2 Reagents and materials.....	2
5.3 Test temperatures.....	2
5.4 Test duration.....	2
5.5 Sampling and preparation of test specimens.....	3
5.6 Procedure.....	3
5.6.1 Quantity of test liquid.....	3
5.6.2 Positioning of specimens.....	3
5.6.3 Control specimens.....	3
5.6.4 Rinsing, wiping and drying.....	3
5.7 Determination of changes in properties.....	3
6 Test report	4
Bibliography	5

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Foreword

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This first edition of ISO 12960 cancels and replaces ISO/TR 12960:1998, which has been technically revised. This document consolidates ISO/TR 12960:1998 and EN 14030:2001 and replaces both.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Introduction

In nearly all applications, geotextiles and geotextile-related products (hereinafter, geotextile products) can be in contact with aqueous solutions of acids, bases or dissolved oxygen. The resistance of geotextile products to these chemicals depends, on the one hand, on polymer formulation, processing, textile structure and the presence of existing damage and, on the other hand, on the composition of the liquid and in situ conditions such as temperature, pressure and the presence of further mechanical stress.

It is the purpose of this document to provide methods of screening (index testing) the resistance of geotextile products to acids and bases.

Since an index test requires exposure times that are short compared to the expected lifetimes of geotextile and geotextile-related products, the process needs to be accelerated. The data obtainable are suitable for screening but not for deriving performance data such as lifetime, unless supported by further evidence.

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