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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 13759-2009

Replacing GB/T 13759-1992

Geosynthetics -- Terms and definitions

土工合成材料 术语和定义

(English Translation)

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Foreword

This standard is equivalent to using ISO 10318:2005 "Geosynthetics - Terms and definitions" (in English).

This standard and ISO 10318:2005 as compared to, the following editorial changes.

--- "This International Standard" be replaced by "this standard";

--- Deleted international standards foreword;

--- No provision of international standard chapter number "scope" as the first chapter after chapter number postponed;

--- Remove the scope of the "note";

--- Increased in 2.3.3.1 "Note 2." this standard replaces GB/T 13759-1992 "geotextile term" this standard and GB/T 13759-1992 main differences are as follows.

--- Standard name changed to "Geosynthetics Terms and Definitions";

--- Increased directory;

- Increased functional terms 2.1.6 and 2.1.7;
- Increasing the product term 2.2.1.2.3 ~ 2.2.1.3.3;
- Increased 2.4 and 2.3 Performance term durability terminology;
- Added "symbol" chapter;
- Added Appendix A.

Appendix A of this standard is an informative annex.

The standard proposed by China Textile Industry Association.

This standard by the National Standardization Technical Committee on Basic Standards Subcommittee Textiles (SAC/TC209/SC1) centralized.

This standard was drafted. Textile Standard (Beijing) Co., Ltd. Inspection and Certification Center, the Institute of Textile Industry Standardization.

1 Scope

This standard establishes geosynthetics function, product, performance and other terms and related symbols. The standard terms are not included it can be given in the relevant test method criteria.

2.1 Functional terms

2.1.1

Collection of precipitation, groundwater and (or) other liquids, and transmitted along the geotextile or geotextile related products plane.

2.1.2

Under the action of fluid pressure, the liquid through the geotextile or geotextile-related products, while maintaining the soil and other particles are not lost.

2.1.3

By geotextiles or geotextile-related application products to prevent or limit local damage certain materials.

2.1.4

Stress the use of geotextile or geotextile-related products - strain properties improve the mechanical properties of soil or other building materials.

2.1.5

By geotextiles or geotextile applications for the product, to prevent mixing of adjacent

different soil and (or) other fillers and other media.

2.1.6

By geotextiles or geotextile-related application products to prevent or limit the soil surface (such as a ramp at) soil and other particles and slip Drain.

2.1.7

By geotextiles or geotextile-related application products to prevent or limit the migration of liquid.

2.2 Product nomenclature

2.2.1

In civil engineering and geotechnical engineering and soil and (or) other general materials used in contact with a product, which is made of a combination of at least or a natural polymer may be a sheet, strip or the three-dimensional structure.

2.2.1.1

In civil engineering and geotechnical engineering and soil and (or) the use of other materials in contact with a planar, permeable, made of a polymer GB/T 13759-2009/ISO 10318:2005