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Nonwovens — Vocabulary

Nontissés — Vocabulaire

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Foreword

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This document was prepared by Technical Committee ISO/TC 38, *Textiles*.

This third edition cancels and replaces the second edition (ISO 9092:2011), which has been technically revised. The main changes compared to the previous edition are as follows:

— the scope has been expanded to cover auxiliary terminology to distinguish nonwovens from other materials.

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Nonwovens — Vocabulary

1 Scope

This document establishes a definition for the term nonwovens and provides auxiliary terminology to distinguish nonwovens from other materials.

2 Normative references

There are no normative references in this document.

3 Terms and definitions

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

— ISO Online browsing platform: available at https://www.iso.org/obp

— IEC Electropedia: available at http://www.electropedia.org/

3.1 General

3.1.1
nonwoven
engineered (3.1.2) fibrous assembly, primarily planar, which has been given a designed level of structural integrity by physical and/or chemical means, excluding weaving, knitting or papermaking

3.1.2
engineered
anything that benefited from an application of science to design, plan and manufacture products to utility specifications

3.1.3
fibrous assembly
predetermined amount and arrangement of natural or manufactured fibrous material such as, but not limited to fibres, continuous filaments, or chopped yarns of any length or cross-section

Note 1 to entry: It can be a two- or three-dimensional alignment of fibrous materials made by a web forming process.

3.1.4
structural integrity
measurable level of added tensile strength

3.1.5
physical and/or chemical means
bonding technologies that result in frictional forces between fibres (through entanglement) or adhesive forces between fibres (with or without the use of binders)

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