

NEW DEVELOPMENTS IN SPUNLACED NONWOVENS

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Abstract

Spunlace materials can offer performance advantages in many applications compared to more traditional textile technologies. Originally seen as a process more suited to the manufacture of lighter weight materials; the spunlace process has evolved to be capable of also producing materials at the higher end of the basis weight spectrum. Additive to the enhanced process capabilities; the wide range of fibers that can be used, the ability to introduce a wide range of scrims, hydroembossing capabilities, multi-layer gradient density materials, and in-line manufacture of composites to name just a few, spunlace materials can bring new solutions to a wide variety of end-uses.

An overview of the spunlace process, its capabilities, fabric performance characteristics, advantages, and examples of different end-uses are discussed.