Dow’s Solutions for Soft and Lofty Nonwovens
Produced with ASPUN™ Fiber Grade Resins
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As an established global leader in the Health & Hygiene business, Dow is committed to finding innovative solutions to benefit the market. Consumers demand products that enhance their quality of life, give them security, peace of mind and comfort. These demands drive our need to continuously develop and improve hygiene products and solutions. In developing truly innovative solutions, more heads are always better than one and collaboration is all about being open to trying out new solutions together. Dow believes collaboration is essential to bringing truly innovative solutions to the market.

ASPUN™ Benefits and Applications

Dow’s ASPUN™ Fiber Grade Resins are used in combination with different materials, such as polypropylene (PP) or polyester (PET) and different die designs (side-by-side or eccentric) to produce bicomponent curly filaments resulting in lofty nonwovens. These lofty nonwovens offer unique visual softness. Typical applications where these nonwovens can be used are in the nonwoven layers of topsheets and backsheets, as well as in the acquisition distribution layer.

Dow’s ASPUN™ Fibre Grade Resins bring the following advantages to nonwovens and their processes:

• Ability to process across a wide temperature range (220° to 300° C), allowing it to be used with different polymers (PP and PET).
• Low melting temperature, in comparison to PP, to allow for quick and efficient bonding.
• Fast crystallization kinetics allowing for high melting temperatures during processing.
• Exceptional tactile softness.

Please visit www.active-comfort.com for more information.
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