

PP Spunbond Nonwoven

We manufacture PP Spunbond Nonwoven Fabric by utilizing the latest state-of-the-art German technology Five Beam plant from Reifenhäuser.

The manufacture of Spunbond Nonwoven fabrics involves a continuous process, which convert thermoplastic raw material (Polypropylene), into a web composed of continuous filaments. The polypropylene granules are melted through jets into thousands of fibers with a diameter of ± 20 microns (2.8-3.0 dtex). These very fine filaments are uniformly laid down into random three - dimensional structure. The web is then presented to a calender, which thermally bond the web in consolidated Spunbond fabrics.

Spunbond is highly versatile and it meets the need of diverse range of products like medical, hygienic and industrial market application. The properties of the fabric are breathable, soft light, chemical resistant, nontoxic and environment friendly. The basic specifications of the Spunbond Nonwoven roll goods are as follows:

Weight	Width	Length / Roll	Roll Dia	Weight / Roll	Core Dia	Colour	Treatment	Packing
8 - 80 Gsm	15 - 320 cms	300 - 7500 Mtrs	25 - 100 cms	10 - 500 Kg	76 (3") mm (2", 4", Er 5" dia possible)	Wide variety as per customer specifications	Hydrophilic, Hydrophobic, UV stabilized	Stretch wrapping, film packing

Applications of Spunbond Nonwovens Fabric

PP Spunbond Nonwovens manufactured by us confirm to highest industrial standards and are extensively used in the following areas:

- Automotive
- Building
- Civil Engineering
- Construction
- Air and Liquid Filtration
- Hygiene
- Industrial
- Medical
- Protective Clothing
- Textile



We can offer following features on the fabric:

- Hydrophobic
- Hydrophilic
- Anti Static
- Fire Retardant
- Lamination

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