PE/PET(ET) Sheath-core Bicomponent Spunbond Nonwoven Fabric

Number: RJSSH0712195MSDSEU

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what is **PE/PET** sheath-core bicomponent spunbond nonwoven fabric? For short, it is ET spunbond nonwovens. Our ET has better strength than EP spunbond nonwoven fabric.

To PE/PP thermal-bond, ET spunbond nonwoven fabric also has the very similar characteristics as EP.

1. **Raw materials**: our is PE and PET slice particles. Thermal-bond one is PE/PET(ES) bicomponent stable fibers
2. **Production process**: our is spunbonded. Other one is thermal-bonded.
3. **Physical properties** are different. Such like, better hand feeling, tensile strength and etc...

ET spunbond nonwoven fabric is formed by numerous continuous sheath-core bicomponent filament fibers. Which are those fibers where one of the components (core) PET is fully surrounded by the second component (sheath) PE. The ES filament fibers are bonded together by hot calender. This largely increased the softness and tensile strength.

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Construct of the PE/PET filament fibers

It has same constructure as PE/PET spunbond nonwoven fabric

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## Selection Guide

<table>
<thead>
<tr>
<th>Product Name</th>
<th>PE/PET sheath-core bicomponent spunbond nonwoven fabric(filament nonwoven fabric)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Article Number</td>
<td>ET-Z (Sesamoid dot)</td>
</tr>
<tr>
<td>Unite Weight</td>
<td>10-150g/m² (Any weight between the range could be produced)</td>
</tr>
<tr>
<td>Max Width</td>
<td>3.3m(130&quot;)-we can cut it into small rolls</td>
</tr>
<tr>
<td>Roll Length</td>
<td>Could be customized</td>
</tr>
<tr>
<td>Color</td>
<td>Original color is white. Could be customized with additional cost.</td>
</tr>
<tr>
<td>Melting Point</td>
<td>Sheath is around 130°C and the core is around 260°C</td>
</tr>
<tr>
<td>Minimum Order</td>
<td>5 tons</td>
</tr>
<tr>
<td>Price Term</td>
<td>FOB Ningbo or Shanghai Port</td>
</tr>
<tr>
<td>Payments</td>
<td>Delivery against the full payment or L/C at sight</td>
</tr>
<tr>
<td></td>
<td>Both with 30% deposite in advance</td>
</tr>
<tr>
<td>Delivery Cycle</td>
<td>7 to 30 days</td>
</tr>
</tbody>
</table>

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Applications

1. High-end medical product, various protective clothing, surgical gowns, face mask, covers, clean room apparel, military clothing and etc...
2. High-end auto upholstery, seat covers etc...
3. Luxury packaging materials. Such as diamond, wine, watch, floppy disk liners, mail envelop, necklace, earings, rings, underwear, book cover.
8. Others: bedding construction sheeting, quilt backing, flagging, drapery components, sterile packaging, display felts, tents, airline headrest and the like.

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1. Excellent water-resistant physical properties as EP spunbond nonwoven fabrics.
2. Soft hand feeling. It developed the disadvantages of the PET and PP. As you know, the sheath is PE. It has better hand feeling than PP and PET. In the mean while, the core also maintains the strength.
3. Easy-self sealing, good laminating properties;
4. Non-toxic, non-stimulated, can effectively protect the human skin.

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Good Lamination Property
Easy-self sealing property

ET bicomponent nonwoven fabric is made by sheath-core ES filament fibers. Just because the core has higher melting point. So, it maintains the high tensile strength and also has good lamination, composite properties. easy-self sealing without need any glues. The melting point of the sheath and core differ from 50 to 130 °C. Hence, the lamination, coating or composite process is easy to control. Composite processing is including cast, ultrasonic and thermal bonded method and others.

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Excellent surface uniformity

Excellent surface uniformity is one of the advantages of our products. It could be used as high-end protective apparel and other wrapping materials of digital products, desiccant packaging and etc... Such like, camera, LCD screen, laptop, diamond and etc...

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Excellent Packaging materials

Because the component of sheath is PE, in certain condition, which could be easily-self sealing at lower temperature without any glue to save cost. It is very popular and to be used as the packaging of many products.
It also be used as other high-end packaging materials and lamination materials which to be used in Auoto industrials

As you know, this is a very brand-new product. We are still developing the applications in many fields. You are always welcome to develop the usage together with us if you have good ideas.
welcome to contact us !!!

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