Absorbent Hygiene Products components: BABY DIAPERS (taped diapers & pants)

* Some of these components may not always be present in the final products

<table>
<thead>
<tr>
<th>Component *</th>
<th>Function</th>
<th>Material</th>
<th>Example of potential material components</th>
</tr>
</thead>
<tbody>
<tr>
<td>Top Sheet (skin contact)</td>
<td>Brings comfort and keeps the skin dry/clean/comfortable by transferring the liquid to the acquisition distribution layer (ADL)</td>
<td>Ultra-thin cover made of cellulosic fibres, synthetic fibres or film of synthetic polymers</td>
<td>Polyester, Polyethylene, Polypropylene, Mixture of Polyethylene/Polypropylene, Viscose/rayon, Cotton</td>
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<tr>
<td>Acquisition distribution layer</td>
<td>Transports liquid from the surface to the core of the product, where the liquid is locked in</td>
<td>Porous material consisting of cellulosic or synthetic fibres or nonwovens made of synthetic polymers</td>
<td>Polyester, Polyethylene, Polypropylene, Viscose/rayon, Cotton</td>
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<tr>
<td>Core wrap</td>
<td>Material that encircles absorbent core for core integrity and to contain the super absorbent polymer (SAP) or a mix of SAP and cellulosic fibres</td>
<td>Synthetic fibres or nonwovens made of synthetic polymers or cellulosic fibres</td>
<td>Polyester, Polyethylene, Polypropylene, Viscose/rayon</td>
</tr>
<tr>
<td>Absorbent Core</td>
<td>Absorbs and locks in the liquids</td>
<td>Cellulosic or/and synthetic fibres with or without a super absorbent polymer (SAP) or SAP without fibres</td>
<td>Cellulose/Pulp fibre, Cotton, Superabsorbent polymer, Polyester, Polyethylene, Polypropylene</td>
</tr>
<tr>
<td>Containment flap with elastic</td>
<td>Prevent leakage out of the diaper and to optimise fit</td>
<td>Nonwovens made of synthetic polymers</td>
<td>Polyethylene, Polypropylene, Polyurethane, Synthetic elastic</td>
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<tr>
<td>Waistband</td>
<td>Provides/improves fit around the waist</td>
<td>Nonwovens made of synthetic polymers</td>
<td>Polyethylene, Polypropylene, Polyurethane, Synthetic elastic</td>
</tr>
</tbody>
</table>
| Backsheet | Waterproof layer to prevent leakage | Film/nonwoven made of synthetic polymers or cellulose fibres | Polyethylene  
Polypropylene  
Cotton  
Calcium carbonate |
|---|---|---|---|
| Leg cuff with elastic | Prevent leakage (liquid feces) out of the diaper and to optimise fit | Nonwovens made of synthetic polymers | Polyethylene  
Polypropylene  
Polyurethane  
Synthetic elastic |
| Fastening system composed of:  
- Fasteners  
- Elastic ears (in case of self-gripping system)  
- A landing zone | Consists of a repositioning strip located on the front of the layer and fasteners attached to each rear side of the layer. Adhesive and self-gripping systems are the two repositioning existing systems that allows a better fit to baby | Synthetic polymers  
Adhesive | Polyethylene  
Polypropylene  
Polyurethane  
Synthetic elastic  
Thermoplastic polymers |
| Elastics | To maintain the diaper on baby | Elastic thread | Elastane |
| Adhesive | To ensure the integrity of the product | Adhesive | Synthetic resin  
Thermoplastic polymers |

a. Some layers may be colored by inks, pigments and dyes used in small amounts to assist in the identification of components for ease of use and to make the products more appealing to use.

b. Lotion may be added to protect the skin from overhydration and help reduce irritation. The added lotion is regulated under the EU Cosmetics Regulation (EC) N° 1223/2009. If so, the ingredients of the lotion should be indicated on the packaging (INCI names).

c. Some products are fragranced and if so, it is indicated on the pack.