

SPUNBOND NONWOVEN CLOTH

ABSTRACT

[Problem] The present invention addresses the problem of providing a spunbond

5 nonwoven cloth having excellent drape.

[Solution] This spunbond nonwoven cloth is obtained by spinning and accumulating a thermoplastic resin into a continuous fiber, after which the spaces between the fibers are heated and compressed using an embossing roll provided with a plurality of embossments aligned in the flow direction of the fiber and the perpendicular direction
10 thereof. Here, the embossing area ratio is 5-12%. Also, the minimum distance between adjacent embossments is 1.5-3 mm. Also, the bend stiffness index (bend stiffness $[g/cm^2/cm]/weight [g/m^2] \times 10^4$ using a KES bend stiffness test machine) of the obtained nonwoven cloth is $5-15\text{ cm}^{-1}$. Also, the compression resilience (RC%) of the obtained nonwoven cloth using a KES compression characteristic test machine is 60-
15 75%.

Figure 1