

BELT FOR PAPERMAKING MACHINE AND MANUFACTURING METHOD THEREFOR,
[Abstract]

The object of the present invention is to reduce the time, cost, and danger in manufacturing polyurethane for a belt for a papermaking machine at a high temperature. A belt for a papermaking machine according to the present invention comprises a base body and polyurethane and said polyurethane comprises an isocyanate-terminated urethane prepolymer and a hardener containing a dimethylthiotoluenediamine. The equivalent ratio of an active hydrogen group of said hardener and an isocyanate group of said urethane prepolymer in said polyurethane is in the range of 0.9 to 1.10 so that a belt for a papermaking machine having well-balanced crack resistance, abrasion resistance, and permanent set resistance may be obtained.

Fig. 9



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