

comprising a foamed urethane sheet which is provided on a surface thereof and which includes closed cells and open cells, the method comprising step (a) of pouring a curable composition, which comprises a urethane prepolymer and a reactive foaming agent and which does not comprise a foam stabilizer, into a mold; and step (b) of foaming and curing the curable composition in the mold, wherein in the step (b), the curable composition is foamed and cured without closing the mold with an upper lid, or when the curable composition is foamed and cured with the mold being closed with an upper lid in the step (b), the curable composition is poured in the step (a) in such an amount that a foamed and cured product of the curable composition does not come into contact with the upper lid of the mold.

Solution to Problems

The present inventors have conducted intensive study to achieve the above-described objects, and consequently have found that a polishing pad comprising a foamed urethane sheet which is provided on a surface thereof and which includes closed cells and open cells, in which (1) the open cell ratio (the volume ratio of the open cells to the total of the closed cells and the open cells), (2) the ratio of a loss factor $\tan\delta$ in a water-absorption state to a loss factor $\tan\delta$ in a dry state [hereinafter, this ratio is also referred to as " $\tan\delta$ (wet/dry) ratio"], and (3) the Shore D hardness are each adjusted to a specific range and are combined, is not only capable of providing a high flatness to a polishing workpiece, but also capable of reducing the occurrence of scratches. This finding has led to the completion of the present invention.

Specifically, the present invention includes the following modes.

comprising:

step (a) of pouring a curable composition, which comprises a urethane prepolymer and a reactive foaming agent and which does not comprise a foam stabilizer, into a mold; and

step (b) of foaming and curing the curable composition in the mold, wherein

in the step (b), the curable composition is foamed and cured without closing the mold with an upper lid, or

when the curable composition is foamed and cured with the mold being closed with an upper lid in the step (b), the curable composition is poured in the step (a) in such an amount that a foamed and cured product of the curable composition does not come into contact with the upper lid of the mold.