

ABSTRACT

When a glass substrate for a liquid crystal display is manufactured using the downdraw method, strain caused by differences in the temperature of the sheet glass achieved as a result of cooling are reduced. Furthermore, minute strain that occurs when the sheet glass manufactured using the downdraw method is cut into smaller pieces is inhibited.

When the sheet glass 8 is manufactured using the downdraw method, a temperature distribution is formed in the widthwise direction of the sheet glass 8 by the heat treating unit 9 used in the slowly cooling process after molding. This temperature distribution is a distribution that can offset the temperature distribution in the sheet glass 8 caused by the fact that the thickness of the sheet glass 8 after molding is greater in the edge areas than that in the surface area.



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