

ABSTRACT

A cross-flow fan is a fan formed from resin. The cross-flow fan includes a plurality of fan blades (21) having formed thereon a blade surface (23) including a pressure surface (24) and a suction surface (25), and a peripheral frame (13) provided at roots (31) of the fan blades (21) and connecting the plurality of fan blades (21) to each other. The fan blades (21) each have a blade cross-sectional shape in which a plurality of concave portions are formed in at least one of the pressure surface (24) and the suction surface (25). The fan blades (21) are each formed such that the blade cross section decreases in area from the root (31) toward a leading end (32) of the fan blades (21). The fan blades (21) are each formed thick at convex portions on the root (31) side. With such a configuration, a fan formed from resin having excellent moldability, a molding die, and a fluid feeder are provided.