

ABSTRACT

An open-cell polyisocyanurate foam for fixing and supporting plants, which is prepared from an aromatic isocyanate, a hydroxyl compound having an average number of functional groups of 1.0 or above and an oxyethylene content of 20 wt.% or above, an isocyanuration catalyst and a silicone foam stabilizer consisting of a polyoxane/polyoxyalkylene copolymer wherein the terminal OH group of the polyether segment is capped with a compound not having any other active hydrogen atom and oxyethylene units are contained in an amount of 30 wt.% or above, and which exhibits a density of 8 to 70 kg/m³, an open cell content of 98% or above, a hardness of 0.1 to 2.0 kgf/cm² in state compressed by 10 to 40% in both the parallel direction and the rectangular direction to the direction of expansion, and a hardness different by +20% to -20% from that found in a state compressed by 10% in both the parallel direction and the rectangular direction to the direction of expansion in a state compressed by 40% therein, is excellent in water absorption rate, water absorption capacity and water retention, and is improved in the reception of inserted flower.



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