

The invention relates to a method of producing bristle material with the surface structure of plastic by means of extruding the monofilament. Prior to or in the course of the extrusion the first melt plastic material, which is the main component of the monofilament, is supplemented with the granulated second plastic material, which has higher high-temperature strength than the first plastic material. Particle size of the granulated material is such that in the course of the subsequent drawing the monofilament is subject to stronger transversal pressure in the cross-sections, which have no or little granulated material than in the cross-sections, which contain the granulated material. The invention is also relates to the superficially structured bristle of the first plastic material, which is its main component and to which is added, using in essence a fully closed method, the granulated second plastic material, which structures the surface of the bristle. The invention also relates to a brush, in particular a toothbrush or interdental cleaning device, with the multitude of bristles, which can be joined in bundles, wherein at least some bristles are of the said structure.