

Algorithms of ABS-Plastic Extrusion

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Abstract : Plastic for 3D printing is very necessary material part for printers. But plastic production is technological process, which implies application of different control algorithms. Possible algorithms of providing set diameter of plastic fiber are proposed and described in the article. Results of research were proved by existing unit of filament production.

Keywords : ABS-plastic, automation, control system, extruder, filament, PID-algorithm

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