

Process control of injection molding

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#	ARTICLE	IF	CITATIONS
1	Injection-molding process control?A review. Polymer Engineering and Science, 1987, 27, 1345-1357.	3.1	93
2	Correlations between extrusion and injection molding process variables for PVC dry blends. Journal of Vinyl Technology, 1987, 9, 86-90.	0.2	0
3	Modeling of Injection Mold Post-Filling: A Review and Some Critical Problems to Solve. Journal of Polymer Engineering, 1990, 9, .	1.4	7
4	Dynamic modeling of the mold filling process in an injection molding machine. Polymer Engineering and Science, 1991, 31, 1417-1425.	3.1	45
5	A multiobjective optimization approach to quality control with application to plastic injection molding. IEEE Transactions on Systems, Man, and Cybernetics, 1993, 23, 414-426.	0.9	6
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7	Dynamic Modeling and Control of Packing Pressure in Injection Molding. Journal of Engineering Materials and Technology, Transactions of the ASME, 1994, 116, 244-249.	1.4	10
8	Fuzzy logic controller for a retrofitted closed-loop injection moulding machine. Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering, 2000, 214, 9-22.	1.0	6
9	Application of Neural Networks in Injection Moulding Process Control. International Journal of Advanced Manufacturing Technology, 2003, 21, 956-964.	3.0	6
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16	Optimal-Parameter Determination by Inverse Model Based on MANFIS: The Case of Injection Molding for PBGA. IEEE Transactions on Control Systems Technology, 2011, 19, 1596-1603.	5.2	7
17	Characterization of the injection molding process of passive vibration isolators. Journal of Elastomers and Plastics, 2016, 48, 58-79.	1.5	1
18	Feature extraction methods for quality attributes prediction in injection moulding. Journal of Computational Methods in Sciences and Engineering, 2017, 17, S71-S83.	0.2	0

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19	Environmentally friendly wood-fibre-based moulded products with improved hydrophobicity and dimensional stability. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 627, 126998.	4.7	3
20	Identification and Multi-Objective Controller Tuning of a Plastic Injection Molding Machine. , 1991, , .		1
22	A design tool for coreâ€back timing in foam injection molding. <i>Journal of Applied Polymer Science</i> , 2022, 139, .	2.6	1