

Fundamentals of plasticating extrusion. II. Experiments

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Citation Report

#	ARTICLE	IF	CITATIONS
1	The simulation of the plasticating screw extrusion process with a computer programmed theoretical model. <i>Polymer Engineering and Science</i> , 1969, 9, 11-21.	3.1	11
2	Mathematical model of polytropic polymer extrusion. <i>Polymer Mechanics</i> , 1973, 6, 953-958.	0.1	0
3	Melting in single screw extruders. <i>Polymer</i> , 1976, 17, 905-918.	3.8	71
4	Parameters affecting thermoplastic coating process:. <i>Pigment and Resin Technology</i> , 1977, 6, 12-13.	0.9	0
5	Developments in the analysis of steady screw extrusion of polymers. <i>Polymer</i> , 1977, 18, 617-635.	3.8	67
6	Melting performance in the single screw extrusion of thermoplastics. <i>Polymer Engineering and Science</i> , 1980, 20, 562-571.	3.1	34
7	Experimental and theoretical evaluation of a spiral disc extruder. <i>Polymer Engineering and Science</i> , 1985, 25, 295-300.	3.1	3
8	Hydrodynamic analysis of a spiral disc extruder. <i>Polymer Engineering and Science</i> , 1985, 25, 589-595.	3.1	1
9	Hydrodynamic analysis of negative flow in a spiral disc extruder. <i>Polymer Engineering and Science</i> , 1985, 25, 596-603.	3.1	1
10	Numerical solution of response surface equations for extrusion cooked cereals. <i>Journal of Food Engineering</i> , 1995, 24, 181-196.	5.2	3
11	Extrusion of broad-molecular-weight-distribution polyethylenes. <i>Polymer Engineering and Science</i> , 2004, 44, 2266-2273.	3.1	6
12	An experimental study of single screw extrusion of HDPE wood composites. <i>Advances in Polymer Technology</i> , 2010, 29, 197-218.	1.7	6
13	Melting in a Single Screw Extruder: Experiments and 3D Finite Element Simulations. <i>International Polymer Processing</i> , 2011, 26, 182-196.	0.5	59
14	Theories of Single-Screw Extrusion. , 2019, , 185-308.		0
15	Fundamentals of Global Modeling for Polymer Extrusion. <i>Polymers</i> , 2019, 11, 2106.	4.5	53
16	Modeling of Twin Screw Extrusion of Polymeric Materials. <i>Polymers</i> , 2022, 14, 274.	4.5	23
17	Modeling and Experimental Studies on Polymer Melting and Flow in Injection Molding. <i>Polymers</i> , 2022, 14, 2106.	4.5	11
18	A novel melting model for polymer extrusion: Mechanically induced transition layer removal. <i>Polymer Engineering and Science</i> , 2022, 62, 3290-3309.	3.1	0

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19	Theories of Single-Screw Extrusion. , 2019, , 185-308.		0
20	A Global Approach to Modeling Injection Molding. Polymers, 2024, 16, 147.	4.5	0