

# Electrostatic charging behaviour of polypropylene particles conveying with spiral gas flow pattern

Chemical Engineering Science

229, 116081

DOI: [10.1016/j.ces.2020.116081](https://doi.org/10.1016/j.ces.2020.116081)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Cylindrical electrodes for neutralization of insulating flowing particles. Journal of Electrostatics, 2021, 110, 103556.	1.9	2
2	Eulerian formulation for the triboelectric charging of polydisperse powder flows. Physics of Fluids, 2021, 33, .	4.0	5
3	Triboelectric effects of a pneumatically injected silica catalyst support on polyethylene fluidized bed wall fouling. Powder Technology, 2021, 385, 287-298.	4.2	3
4	Droplet and particle methods to investigate turbulent particle laden jets. Aerosol Science and Technology, 2021, 55, 1359-1377.	3.1	3
5	Experimental study on electrostatic discharges from a metal protrusion inside a silo during continuous loading of polypropylene powder. Powder Technology, 2021, 391, 362-368.	4.2	4
6	Triboelectric effects of continuity additives and a silica catalyst support on polyethylene fluidized bed wall fouling. Chemical Engineering Science, 2021, 245, 116882.	3.8	5
7	A review of solid particles mass flow rate measuring methods: screening analytic hierarchy process for methods prioritization. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2022, 44, .	1.6	1
8	Velocity measurement of pneumatically conveyed particles via a simple current signal technique and the influence of electrostatic charge. Powder Technology, 2023, 413, 118018.	4.2	1
9	Prediction of the Effective Work Function of Aspirin and Paracetamol Crystals by Density Functional Theory – A First-Principles Study. Crystal Growth and Design, 2023, 23, 6308-6317.	3.0	1
10	Modeling and analysis of particle triboelectrification in pneumatic conveying. Powder Technology, 2023, 429, 118970.	4.2	0