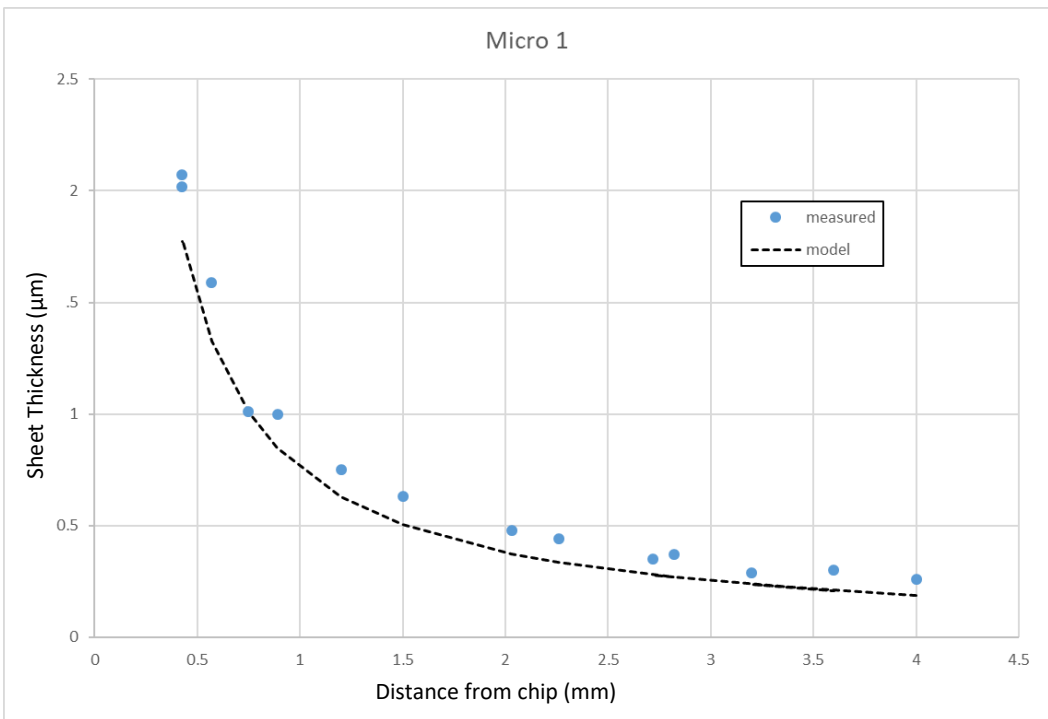


Specifications - Liquid MicroSheet Nozzles Micro 1

The Liquid MicroSheet Nozzles Micro 1 produces the thinnest sheet profile for the MicroSheet Nozzles product family. There is some small chip to chip variation in sheet thickness profile and the angle at which the sheet exits the chip. Salt concentration above 0.1M can be a challenge.



	Micro 1		Micro 2		Micro 2N		Micro 3		Micro 3N	
	Min Q	Max Q	Min Q	Max Q	Min Q	Max Q	Min Q	Max Q	Max Q	Min Q
Q [ml/min]	1,2	2,7	1,5	4,7	1,8	6	3,5	7	3,5	9
P [psi]	113	450	73	330	102	510	127	278	178	540
P [bar]	7,8	31,0	5,0	22,8	7,0	35,2	8,8	19,2	12,3	37,2
W _{in} [µm]	0,1	0,55	0,1	1,0	0,09	1,03	0,345	1,5	0,715	1,175
L [mm]	0,90	4,30	0,77	6,0	4,7	8,1	1,77	6,89	1,58	9,735

Lowest flow rate at which interference fringes are visible
 Max Q => Largest flow rate before the sheet shreds
 W_{in} => Sheet width at center and inside the rims
 L => Sheet length
 All data in the table above is for H2O

