



Directory: c:\pv011806 Run 3 taken on Wed Jan 18 18:08:38 2006 Number Distribution by Geometric Diameter
 PTL PV Glass Beads 20.3um +/- 1.4um Regularization: High
 Project#:Jan 2006 Analyst:WK TM# AE108.01
 Particle Technology Labs PTL ID: SRM# 266

PARAMETERS		DISPERSER CONTROL		%UNDER	SIZE	%UNDER	SIZE
Material	: borosilicate	Disperser Type	: AeroDisperser	5%	16.04	55%	21.25
Density	: 2.50	Shear Force	: 3.0, 0.1 psi	10%	17.20	60%	21.63
Run Length (sec)	: 184.8	Feed rate	: 5000, 500	15%	17.95	65%	22.02
PMT Voltage (volts)	: 850.0			20%	18.52	70%	22.46
Laser Current (mA)	: 42.1	Deagglomeration	: Normal	25%	19.00	75%	22.95
Clock Freq (MHz)	: 20.0	Pin Vibration	: On	30%	19.43	80%	23.54
Sum of channels	: 96854			35%	19.82	85%	24.28
Lower Size Limit	: 10.00			40%	20.18	90%	25.31
Upper Size Limit	: 200.00			45%	20.54	95%	27.08
Nozzle Type	: 700um	SCANS	3 AND 4 COMBINED	50%	20.89		
Baseline Offset	: 0.10	BETWEEN	37.4 & 38.0 MICRONS				
Noise Filter	: 6.00						
Mean Size	: 20.88	D(4,3)	: 23.03	Mode (Log Scale)	: 21.05		
Standard Deviation	: 1.176	D(3,2)	: 22.34	Spec surf area:	0.107 sq meter/g		

UPPER SIZE	% IN	LOWER SIZE	% UNDER	UPPER SIZE	% IN	LOWER SIZE	% UNDER	UPPER SIZE	% IN	LOWER SIZE	% UNDER	UPPER SIZE	% IN	LOWER SIZE	% UNDER
100	0.0000	86.0	100.00	10.0	0.0000	8.60	0.0000	1.00	0.0000	0.86	0.0000	0.86	0.0000	0.74	0.0000
86.0	0.0000	74.0	100.00	8.60	0.0000	7.40	0.0000	0.86	0.0000	0.74	0.0000	0.74	0.0000	0.63	0.0000
74.0	0.0000	63.0	100.00	7.40	0.0000	6.30	0.0000	0.74	0.0000	0.63	0.0000	0.63	0.0000	0.54	0.0000
63.0	0.0000	54.0	100.00	6.30	0.0000	5.40	0.0000	0.63	0.0000	0.54	0.0000	0.54	0.0000	0.46	0.0000
54.0	0.0160	46.0	99.984	5.40	0.0000	4.60	0.0000	0.54	0.0000	0.46	0.0000	0.46	0.0000	0.40	0.0000
46.0	0.0691	40.0	99.915	4.60	0.0000	4.00	0.0000	0.46	0.0000	0.40	0.0000	0.40	0.0000	0.34	0.0000
40.0	0.3917	34.0	99.523	4.00	0.0000	3.40	0.0000	0.40	0.0000	0.34	0.0000	0.34	0.0000	0.29	0.0000
34.0	1.9965	29.0	97.527	3.40	0.0000	2.90	0.0000	0.34	0.0000	0.29	0.0000	0.29	0.0000	0.25	0.0000
29.0	8.8067	25.0	88.720	2.90	0.0000	2.50	0.0000	0.29	0.0000	0.25	0.0000	0.25	0.0000	0.22	0.0000
25.0	24.014	22.0	64.706	2.50	0.0000	2.20	0.0000	0.25	0.0000	0.22	0.0000	0.22	0.0000	0.18	0.0000
22.0	49.279	18.0	15.427	2.20	0.0000	1.80	0.0000	0.22	0.0000	0.18	0.0000	0.18	0.0000	0.16	0.0000
18.0	0.0000	16.0	100.00	1.80	0.0000	1.60	0.0000	0.18	0.0000	0.16	0.0000	0.16	0.0000	0.14	0.0000
16.0	0.0000	14.0	100.00	1.60	0.0000	1.40	0.0000	0.16	0.0000	0.14	0.0000	0.14	0.0000	0.12	0.0000
14.0	0.0000	12.0	100.00	1.40	0.0000	1.20	0.0000	0.14	0.0000	0.12	0.0000	0.12	0.0000	0.10	0.0000
12.0	0.0000	10.0	100.00	1.20	0.0000	1.00	0.0000	0.12	0.0000	0.10	0.0000	0.10	0.0000		

*WK 1/18/06
 @ 1/19/06*