

Result: Histogram Report

User Name: Jacinta Parenzee

Security Level: 1

Sample Details

Sample ID: 162
 Sample File: ORLA
 Sample Path: C:\SIZERS\DATA\CONTRACT\
 Sample Notes: Upper Steel, seam

Run Number: 1
 Record Number: 28

Measured: Mon 30 Jul 2007 12:53p.m.
 Analysed: Mon 30 Jul 2007 12:53p.m.
 Result Source: Analysed

System Details

Range Lens: 300RF mm
 Presentation: 3OHD
 Analysis Model: Polydisperse
 Modifications: None

Beam Length: 2.40 mm
 [Particle R.I. = (1.5295, 0.1000); Dispersant R.I. = 1.3300]

Sampler: MS17

Obscuration: 17.6 %

Residual: 1.356 %

Result Statistics

Distribution Type: Volume
 Mean Diameters:
 D [4, 3] = 57.11 um

Concentration = 0.0162 %Vol
 D (v, 0.1) = 1.72 um
 D [3, 2] = 3.05 um

Density = 2.560 g / cub. cm
 D (v, 0.5) = 22.65 um
 Span = 7.729E+00

Specific S.A. = 0.7678 sq. m / g
 D (v, 0.9) = 176.78 um
 Uniformity = 2.152E+00

Size (um)	Volume In %	Size (um)	Volume In %	Size (um)	Volume In %	Size (um)	Volume In %
0.050	0.01	3.90	9.38	74.00	2.34	300.0	0.64
0.060	0.24	7.80	13.64	88.00	2.59	350.0	0.00
0.120	1.52	15.60	17.70	105.0	3.33	420.0	0.00
0.240	2.96	31.00	4.10	125.0	4.05	500.0	0.00
0.490	1.21	37.00	3.47	149.0	4.28	590.0	0.00
0.700	1.16	44.00	3.12	177.0	4.00	710.0	0.00
0.980	3.95	53.00	2.47	210.0	3.26	840.0	0.00
2.00	6.38	63.00	2.13	250.0	2.07	1000.0	0.00
3.90		74.00		300.0		2000.0	0.00

