

## Result: Histogram Report

User Name: Jacinta Parenzee

Security Level: 1

### Sample Details

Sample ID: 163  
 Sample File: ORLA  
 Sample Path: C:\SIZERS\DATA\CONTRACT\  
 Sample Notes: Upper Steel, seam

Run Number: 9  
 Record Number: 19

Measured: Mon 23 Jul 2007 4:10p.m.  
 Analysed: Mon 23 Jul 2007 4:10p.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: 17.8 %

Residual: 1.094 %

### Result Statistics

Distribution Type: Volume  
 Mean Diameters:  
 D [4, 3] = 60.46 um

Concentration = 0.0148 %Vol  
 D (v, 0.1) = 1.33 um  
 D [3, 2] = 2.70 um

Density = 2.560 g / cub. cm  
 D (v, 0.5) = 23.34 um  
 Span = 7.992E+00

Specific S.A. = 0.8689 sq. m / g  
 D (v, 0.9) = 187.83 um  
 Uniformity = 2.262E+00

Size (um)	Volume In %	Size (um)	Volume In %	Size (um)	Volume In %	Size (um)	Volume In %
0.050	0.01	3.90	9.47	74.00	2.85	300.0	1.26
0.060	0.27	7.80	12.00	88.00	2.93	350.0	0.31
0.120	1.75	15.60	14.59	105.0	3.21	420.0	0.00
0.240	3.46	31.00	3.71	125.0	3.57	500.0	0.00
0.490	1.45	37.00	3.44	149.0	3.72	590.0	0.00
0.700	1.40	44.00	3.44	177.0	3.68	710.0	0.00
0.980	4.70	53.00	3.00	210.0	3.38	840.0	0.00
2.00	7.07	63.00	2.68	250.0	2.67	1000.0	0.00
3.90		74.00		300.0		2000.0	0.00

