

## Result: Histogram Report

User Name: Jacinta Parenzee

Security Level: 1

### Sample Details

Sample ID: 107  
 Sample File: ORLA  
 Sample Path: C:\SIZERS\DATA\CONTRACT\  
 Sample Notes: High Grade, joint fill

Run Number: 1  
 Record Number: 31

Measured: Mon 6 Aug 2007 9:55a.m.  
 Analysed: Mon 6 Aug 2007 9:55a.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: 18.0 %

Residual: 1.883 %

### Result Statistics

Distribution Type: Volume  
 Mean Diameters:  
 D [4, 3] = 20.93  $\mu\text{m}$

Concentration = 0.0131 %Vol  
 D (v, 0.1) = 1.60  $\mu\text{m}$   
 D [3, 2] = 3.36  $\mu\text{m}$

Density = 2.560 g / cub. cm  
 D (v, 0.5) = 12.50  $\mu\text{m}$   
 Span = 4.250E+00

Specific S.A. = 0.6968 sq. m / g  
 D (v, 0.9) = 54.71  $\mu\text{m}$   
 Uniformity = 1.271E+00

Size (um)	Volume In %	Size (um)	Volume In %	Size (um)	Volume In %	Size (um)	Volume In %
0.050	0.00	3.90	14.48	74.00	2.24	300.0	0.00
0.060	0.06	7.80	19.24	88.00	1.42	350.0	0.00
0.120	0.78	15.60	19.86	105.0	0.55	420.0	0.00
0.240	2.26	31.00	4.45	125.0	0.00	500.0	0.00
0.490	1.30	37.00	4.15	149.0	0.00	590.0	0.00
0.700	1.64	44.00	4.25	177.0	0.00	710.0	0.00
0.980	6.53	53.00	3.63	210.0	0.00	840.0	0.00
2.00	10.31	63.00	2.85	250.0	0.00	1000.0	0.00
3.90		74.00		300.0	0.00	2000.0	0.00

