

Result: Histogram Report

User Name: Jacinta Parenzee

Security Level: 1

Sample Details

Sample ID: 143
 Sample File: ORLA
 Sample Path: C:\SIZERS\DATA\CONTRACT\
 Sample Notes: Upper Steel Grade tomo fill

Run Number: 5
 Record Number: 8

Measured: Tue 10 Jul 2007 5:11p.m.
 Analysed: Tue 10 Jul 2007 5:12p.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: 20.6 %

Residual: 2.449 %

Result Statistics

Distribution Type: Volume
 Mean Diameters:
 D [4, 3] = 9.34 μ m

Concentration = 0.0106 %Vol
 D (v, 0.1) = 1.07 μ m
 D [3, 2] = 2.32 μ m

Density = 2.560 g / cub. cm
 D (v, 0.5) = 6.53 μ m
 Span = 3.185E+00

Specific S.A. = 1.0119 sq. m / g
 D (v, 0.9) = 21.87 μ m
 Uniformity = 9.929E-01

| Size (um) | Volume In % | Size (um) | Volume In % | Size (um) | Volume In % | Size (um) | Volume In % |
|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|
| 0.050 | 0.00 | 3.90 | 20.97 | 74.00 | 0.00 | 300.0 | 0.00 |
| 0.060 | 0.14 | 7.80 | 23.91 | 88.00 | 0.00 | 350.0 | 0.00 |
| 0.120 | 1.16 | 15.60 | 17.19 | 105.0 | 0.00 | 420.0 | 0.00 |
| 0.240 | 3.09 | 31.00 | 1.93 | 125.0 | 0.00 | 500.0 | 0.00 |
| 0.490 | 2.00 | 37.00 | 0.99 | 149.0 | 0.00 | 590.0 | 0.00 |
| 0.700 | 2.67 | 44.00 | 0.18 | 177.0 | 0.00 | 710.0 | 0.00 |
| 0.980 | 10.27 | 53.00 | 0.00 | 210.0 | 0.00 | 840.0 | 0.00 |
| 2.00 | 15.50 | 63.00 | 0.00 | 250.0 | 0.00 | 1000.0 | 0.00 |
| 3.90 | | 74.00 | 0.00 | 300.0 | 0.00 | 2000.0 | 0.00 |

