

Result: Histogram Report

User Name: Jacinta Parenzee

Security Level: 1

Sample Details

Sample ID: 171
 Sample File: ORLA
 Sample Path: C:\SIZERS\DATA\CONTRACT\
 Sample Notes: Lower Steel, seam

Run Number: 3
 Record Number: 30

Measured: Mon 30 Jul 2007 1:12p.m.
 Analysed: Mon 30 Jul 2007 1:12p.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: 17.5 %

Residual: 2.162 %

Result Statistics

Distribution Type: Volume
 Mean Diameters:
 D [4, 3] = 49.29 um

Concentration = 0.0130 %Vol
 D (v, 0.1) = 0.89 um
 D [3, 2] = 2.08 um

Density = 2.560 g / cub. cm
 D (v, 0.5) = 18.07 um
 Span = 7.927E+00

Specific S.A. = 1.1264 sq. m / g
 D (v, 0.9) = 144.15 um
 Uniformity = 2.399E+00

| Size (um) | Volume In % | Size (um) | Volume In % | Size (um) | Volume In % | Size (um) | Volume In % |
|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|
| 0.050 | 0.02 | 3.90 | 11.06 | 74.00 | 3.40 | 300.0 | 0.00 |
| 0.060 | 0.53 | 7.80 | 13.21 | 88.00 | 4.85 | 350.0 | 0.00 |
| 0.120 | 2.55 | 15.60 | 12.83 | 105.0 | 5.83 | 420.0 | 0.00 |
| 0.240 | 4.25 | 31.00 | 2.47 | 125.0 | 5.93 | 500.0 | 0.00 |
| 0.490 | 1.63 | 37.00 | 2.05 | 149.0 | 4.73 | 590.0 | 0.00 |
| 0.700 | 1.46 | 44.00 | 2.06 | 177.0 | 2.99 | 710.0 | 0.00 |
| 0.980 | 4.69 | 53.00 | 2.13 | 210.0 | 1.18 | 840.0 | 0.00 |
| 2.00 | 7.63 | 63.00 | 2.49 | 250.0 | 0.04 | 1000.0 | 0.00 |
| 3.90 | | 74.00 | | 300.0 | | 2000.0 | 0.00 |

