

Elongation Report - Number Distribution

Sample Name: NU-LHT-1M 101- 75-300um >100 pixels

SOP Name: NASA 2.5x10x Merged.vsop

Edited: True

User Name: apps

Edited On: 12 July 2007 12:17:08

Date: 11 July 2007 18:26:37

SOP Analysis: 3.0

SOP Fill Holes: True

SOP Segmentation: None

SOP Trash Size: 10

SOP Optic(s) used: 2.5x, 10x

Elongation Minimum: 0.000

Elongation D[n, 0.1]: 0.147

Elongation Maximum: 0.823

Elongation D[n, 0.5]: 0.348

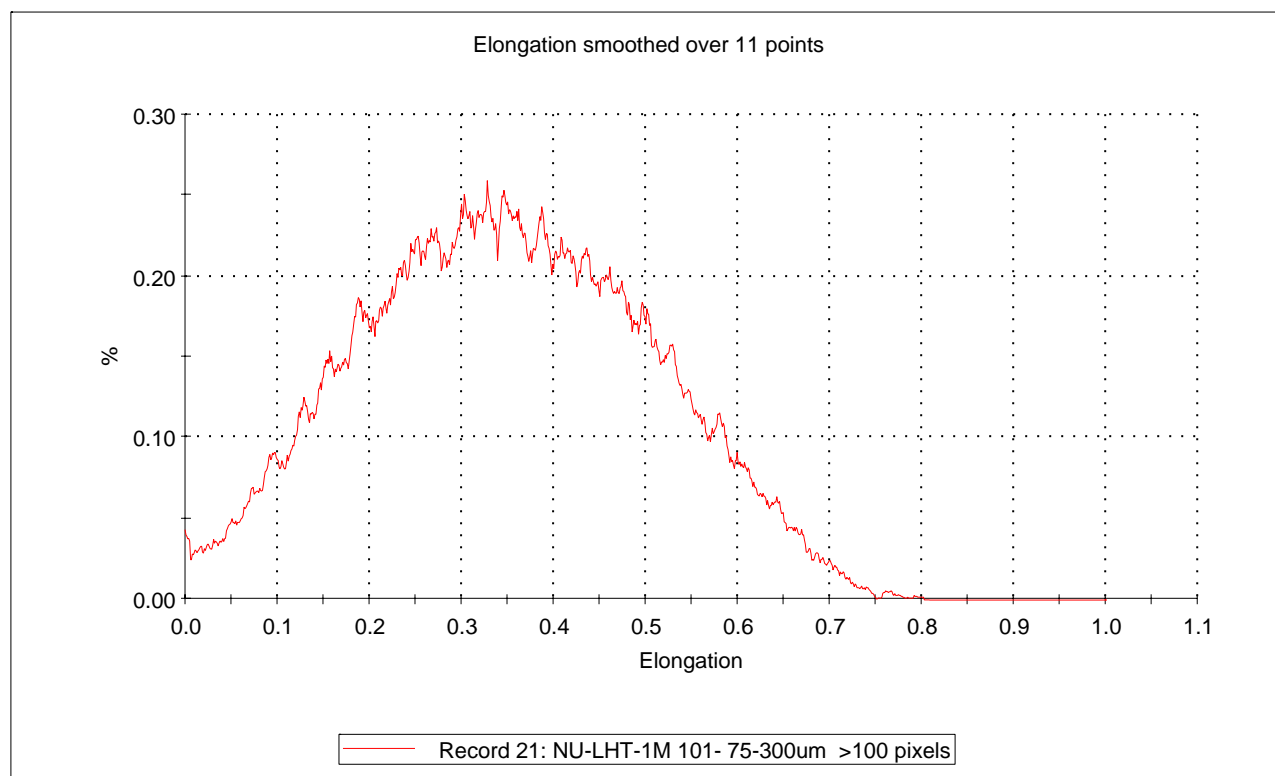
Elongation Mean: 0.351

Elongation D[n, 0.9]: 0.559

Particles Counted: 28619

Elongation STDV: 0.155

Elongation RSD (%): 44.07



Comments: 75 - 300um fraction dispersed at 3 Bar on SPD-1300

HS Circularity Report - Number Distribution

Sample Name: NU-LHT-1M 101- 75-300um >100 pixels

SOP Name: NASA 2.5x10x Merged.v SOP

Edited: True

User Name: apps

Edited On: 12 July 2007 12:17:08

Date: 11 July 2007 18:26:37

SOP Analysis: 3.0

SOP Fill Holes: True

SOP Segmentation: None

SOP Trash Size: 10

SOP Optic(s) used: 2.5x, 10x

HS Circularity Minimum: 0.211

HS Circularity D[n, 0.1]: 0.468

HS Circularity Maximum: 0.992

HS Circularity D[n, 0.5]: 0.709

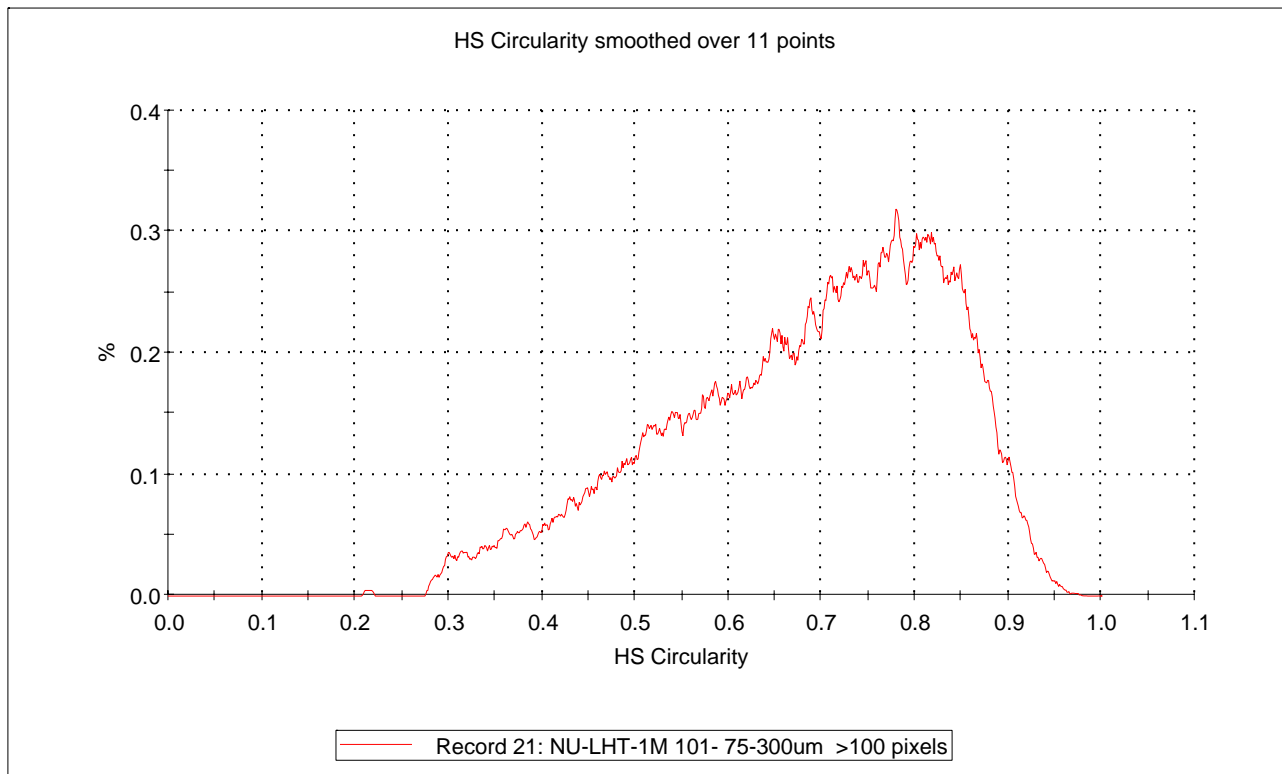
HS Circularity Mean: 0.683

HS Circularity D[n, 0.9]: 0.856

Particles Counted: 28619

HS Circularity STDV: 0.148

HS Circularity RSD (%): 21.599



Comments: 75 - 300um fraction dispersed at 3 Bar on SPD-1300

Solidity Report - Number Distribution

Sample Name: NU-LHT-1M 101- 75-300um >100 pixels

SOP Name: NASA 2.5x10x Merged.vstop

Edited: True

User Name: apps

Edited On: 12 July 2007 12:17:08

Date: 11 July 2007 18:26:37

SOP Analysis: 3.0

SOP Fill Holes: True

SOP Segmentation: None

SOP Trash Size: 10

SOP Optic(s) used: 2.5x, 10x

Solidity Minimum: 0.537

Solidity D[n, 0.1]: 0.840

Solidity Maximum: 1.000

Solidity D[n, 0.5]: 0.958

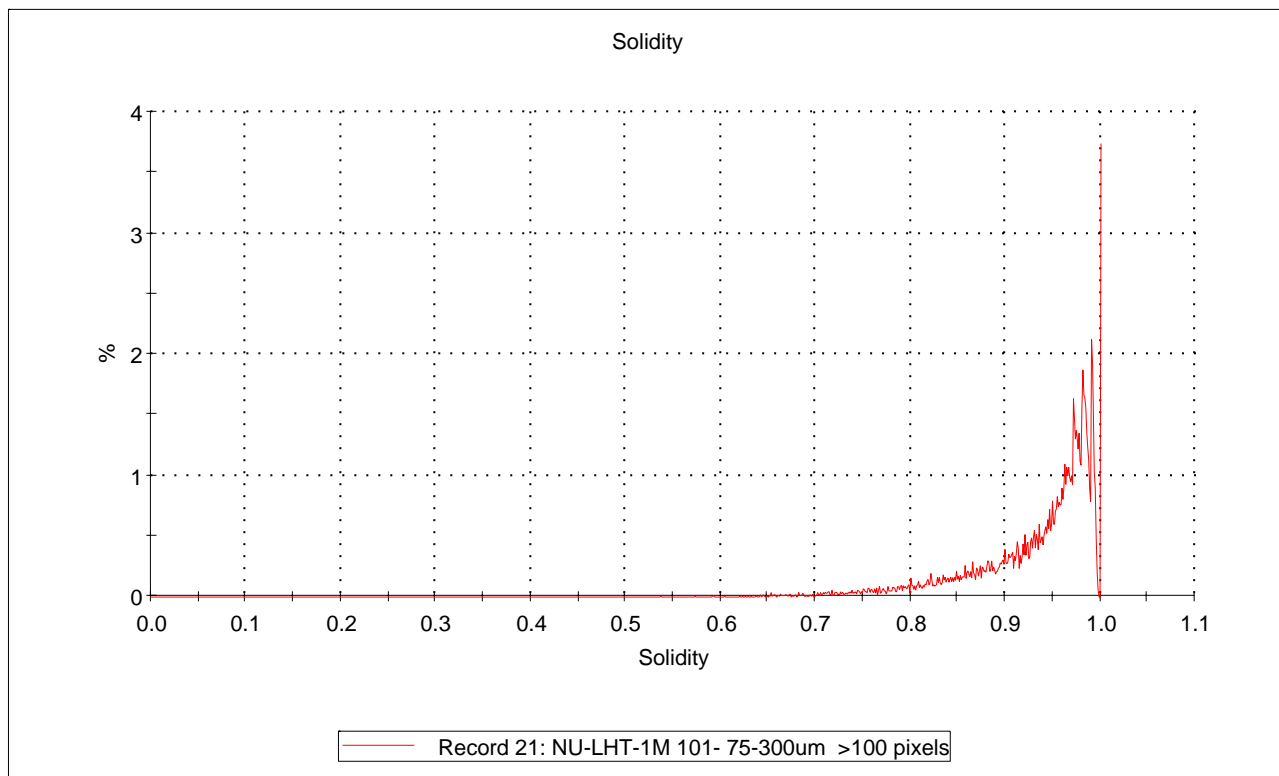
Solidity Mean: 0.934

Solidity D[n, 0.9]: 0.991

Particles Counted: 28619

Solidity STDV: 0.066

Solidity RSD (%): 7.04



Comments: 75 - 300um fraction dispersed at 3 Bar on SPD-1300