

Detailed description of the subject of the contract

HPHT monocrystalline diamond powders of high purity

Monocrystalline diamond powders:

1. Structure: Single crystal Purity: 100% diamond Type: MSY

Size: 0-0.03  $\mu\text{m}$

Median Tolerance: 0.014-0.022  $\mu\text{m}$

Upper size limit: (D99) 0.06  $\mu\text{m}$

Quantity: 1 x 100 ct

2. Structure: Single crystal Purity: 100% diamond Type: MSY

Size: 0-0.1  $\mu\text{m}$

Median Tolerance: 0.040 - 0.060  $\mu\text{m}$

Upper size limit: (D99) 0.015  $\mu\text{m}$

Quantity: 2 x 100 ct

3. Structure: Single crystal Purity: 100% diamond Type: MSY

Size: 0-0.25  $\mu\text{m}$

Median Tolerance: 0.105-0.145  $\mu\text{m}$

Upper size limit: (D99) 0.33  $\mu\text{m}$

Quantity: 4 x 100 ct

4. Structure: Single crystal Purity: 100% diamond Type: MSY

Size: 0.75-1.25  $\mu\text{m}$

Median Tolerance: 0.95-1.05  $\mu\text{m}$

Upper size limit: (D99) 1.70  $\mu\text{m}$

Quantity: 4 x 100 ct