

Surface roughness Sa

| Sample | Location | Ti μm | Ti+NT μm | Ti64 μm | Ti64+NT μm |
|----------|----------|------------------|---------------------|--------------------|-----------------------|
| Sample 1 | 1 | 0.033 | 0.18 | 0.033 | 0.041 |
| | 2 | 0.03 | 0.176 | 0.036 | 0.036 |
| Sample 2 | 1 | 0.03 | 0.218 | 0.037 | 0.05 |
| | 2 | 0.035 | 0.21 | 0.039 | 0.034 |
| | | 0.032 | 0.196 | 0.03625 | 0.04025 |
| | | 0.00212132 | 0.01827567 | 0.00216506 | 0.006179604 |
| | | 32 | 196 | 36.25 | 40.25 |
| | | 2 | 18 | 2 | 6 |

Surface roughness Sq

| Sample | Location | Ti μm | Ti+NT μm | Ti64 μm | Ti64+NT μm |
|----------|----------|------------------|---------------------|--------------------|-----------------------|
| Sample 1 | 1 | 0.041 | 0.233 | 0.042 | 0.052 |
| | 2 | 0.037 | 0.2226 | 0.048 | 0.046 |
| Sample 2 | 1 | 0.038 | 0.288 | 0.047 | 0.062 |
| | 2 | 0.043 | 0.28 | 0.049 | 0.042 |
| | | 0.03975 | 0.2559 | 0.0465 | 0.0505 |
| | | 0.002384848 | 0.02848034 | 0.00269258 | 0.00753326 |
| | | 39.75 | 255.9 | 46.5 | 50.5 |
| | | 2 | 28 | 3 | 8 |

Surface roughness Sz

| Sample | Location | Ti μm | Ti+NT μm | Ti64 μm | Ti64+NT μm |
|----------|----------|------------------|---------------------|--------------------|-----------------------|
| Sample 1 | 1 | 0.273 | 2.542 | 0.395 | 0.628 |
| | 2 | 0.243 | 2.456 | 0.54 | 0.632 |
| Sample 2 | 1 | 0.402 | 2.746 | 0.349 | 0.753 |
| | 2 | 0.451 | 2.677 | 0.392 | 0.519 |
| | | 0.34225 | 2.60525 | 0.419 | 0.633 |
| | | 0.086664223 | 0.11317547 | 0.07219072 | 0.082797947 |
| | | 342.25 | 2605.25 | 419 | 633 |
| | | 87 | 113 | 72 | 83 |

Contact angle measurements

| Sample | Data | Ti | Ti+NT | Ti64 | Ti64+NT |
|----------|------|---------|---------|---------|---------|
| Sample 1 | 1 | 42.7 | 15.2 | 45.4 | 15.8 |
| | 2 | 50.15 | 24.55 | 48.7 | 22.05 |
| Sample 2 | 1 | 41.05 | 17.1 | 50.7 | 7.4 |
| | 2 | 42.65 | 26.1 | 50.85 | 14.15 |
| | | 44.1375 | 20.7375 | 48.9125 | 14.85 |
| | | 4 | 5 | 2 | 5 |