全机（不含农药）重量特性：

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 质量[kg] | Gx[mm] | Gy[mm] | Gz[mm] | IoxG[kgxm2] | IoyG[kgxm2] | IozG[kgxm2] | IxyG[kgxm2] | IxzG[kgxm2] | IyzG[kgxm2] | IoxP[kgxm2] | IoyP[kgxm2] | IozP[kgxm2] | IxyP[kgxm2] | IxzP[kgxm2] | IyzP[kgxm2] | Px[mm] | Py[mm] | Pz[mm] |
| 388.499 | 2166.217 | 4.412 | -63.91 | 1066.954 | 866.693 | 1759.983 | 0.538 | -150.476 | 0.414 | 1066.962 | 874.503 | 1767.8 | 0.781 | -150.416 | 0.413 | 2308 | 0 | -65 |

参考重心：x=2308 y=0 z=-65

农药重量特性：

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 迎角 | 质量[kg] | Gx[mm] | Gy[mm] | Gz[mm] | IoxG[kgxm2] | IoyG[kgxm2] | IozG[kgxm2] | IxyG[kgxm2] | IxzG[kgxm2] | IyzG[kgxm2] | IoxP[kgxm2] | IoyP[kgxm2] | IozP[kgxm2] | IxyP[kgxm2] | IxzP[kgxm2] | IyzP[kgxm2] | Px[mm] | Py[mm] | Pz[mm] |
| -5 | 449.847 | 2181.681 | -0.000254651 | -226.108 | 30.417 | 68.527 | 83.648 | 0 | 3.758 | 0 | 42.093 | 87.381 | 90.826 | -1.447e-005 | -5.397 | -1.846e-005 | 2308 | 0 | -65 |
| -5 | 318.01 | 2170.077 | -0.000243467 | -286.859 | 18.649 | 43.483 | 55.455 | 0 | 2.729 | 0 | 34.302 | 65.186 | 61.505 | -1.068e-005 | -7.002 | -1.718e-005 | 2308 | 0 | -65 |
| -5 | 186.891 | 2149.53 | -0.000218275 | -351.755 | 9.051 | 20.946 | 27.732 | 0 | 1.592 | 0 | 24.418 | 41.007 | 32.426 | -6.465e-006 | -6.9 | -1.17e-005 | 2308 | 0 | -65 |
| -5 | 71.718 | 2126.915 | -0.000214427 | -426.324 | 2.389 | 4.903 | 6.785 | 0 | 0.535 | 0 | 11.752 | 16.618 | 9.137 | -2.785e-006 | -4.157 | -5.557e-006 | 2308 | 0 | -65 |
| -5 | 11.209 | 2240.149 | -1.97612e-05 | -534.724 | 0.092 | 0.142 | 0.212 | 1.071e-006 | 0.01 | 0 | 2.565 | 2.667 | 0.264 | 1.056e-006 | -0.347 | -1.04e-007 | 2308 | 0 | -65 |
| -5 | 0.000836429 | 2117.958 | 0.186 | -594.728 | 2.14e-006 | 5.616e-009 | 2.146e-006 | -5.303e-010 | 2.897e-010 | 4.956e-011 | 2.369e-004 | 2.649e-004 | 3.235e-005 | 2.905e-008 | -8.42e-005 | 8.25e-008 | 2308 | 0 | -65 |
| 0 | 450.228 | 2215.805 | -0.000211485 | -227.425 | 30.18 | 68.668 | 84.071 | 5.421e-020 | 0.611 | -3.388e-021 | 42.057 | 84.373 | 87.897 | -8.778e-006 | -6.131 | -1.547e-005 | 2308 | 0 | -65 |
| 0 | 319.665 | 2219.234 | -0.000184217 | -288.221 | 18.535 | 43.997 | 56.19 | 0 | 0.384 | 0 | 34.463 | 62.444 | 58.709 | -5.227e-006 | -5.95 | -1.314e-005 | 2308 | 0 | -65 |
| 0 | 189.527 | 2226.511 | -0.000182737 | -353.689 | 9.011 | 21.754 | 28.699 | 0 | 0.156 | 0 | 24.807 | 38.808 | 29.958 | -2.822e-006 | -4.302 | -9.998e-006 | 2308 | 0 | -65 |
| 0 | 73.43 | 2235.887 | 2.36423e-05 | -429.537 | 2.375 | 5.155 | 7.094 | 0 | 0.046 | 0 | 12.133 | 15.295 | 7.476 | 1.252e-007 | -1.885 | 6.329e-007 | 2308 | 0 | -65 |
| 0 | 12.696 | 2259.476 | -8.86325e-06 | -529.639 | 0.108 | 0.171 | 0.252 | 1.058e-006 | -5.432e-006 | 0 | 2.849 | 2.942 | 0.282 | 1.053e-006 | -0.286 | -5.229e-008 | 2308 | 0 | -65 |
| 0 | 0.018 | 2260.529 | 0.256 | -595.226 | 3.819e-005 | 7.653e-005 | 1.147e-004 | 7.288e-007 | 4.921e-009 | 1.79e-009 | 0.005 | 0.005 | 1.56e-004 | 9.514e-007 | -4.613e-004 | 2.489e-006 | 2308 | 0 | -65 |
| 5 | 449.977 | 2250.039 | -0.000218848 | -226.042 | 30.389 | 68.13 | 83.209 | 0 | -2.539 | 0 | 42.059 | 81.312 | 84.721 | -5.708e-006 | -6.739 | -1.586e-005 | 2308 | 0 | -65 |
| 5 | 315.838 | 2268.727 | -0.000196428 | -287.895 | 18.399 | 42.441 | 54.265 | 0 | -1.937 | 0 | 34.09 | 58.619 | 54.753 | -2.436e-006 | -4.702 | -1.383e-005 | 2308 | 0 | -65 |
| 5 | 183.904 | 2303.12 | -0.000166725 | -353.48 | 8.809 | 19.843 | 26.462 | 0 | -1.229 | 0 | 24.114 | 35.152 | 26.466 | -1.496e-007 | -1.488 | -8.845e-006 | 2308 | 0 | -65 |
| 5 | 70.146 | 2346.242 | -0.000180325 | -427.69 | 2.253 | 4.583 | 6.343 | 0 | -0.435 | 0 | 11.48 | 13.913 | 6.446 | 4.837e-007 | 0.538 | -4.588e-006 | 2308 | 0 | -65 |
| 5 | 11.486 | 2278.791 | -1.6866e-05 | -533.599 | 0.095 | 0.148 | 0.22 | 1.043e-006 | -0.01 | 0 | 2.617 | 2.68 | 0.229 | 1.038e-006 | -0.167 | -9.078e-008 | 2308 | 0 | -65 |
| 5 | 0.000860644 | 2400.98 | -0.035 | -594.723 | 2.198e-006 | 5.972e-009 | 2.204e-006 | -1.556e-010 | -3.092e-010 | -8.034e-012 | 2.437e-004 | 2.489e-004 | 9.645e-006 | 2.646e-009 | 4.239e-005 | -1.597e-008 | 2308 | 0 | -65 |
| 10 | 449.824 | 2284.702 | -0.000263452 | -221.544 | 31.117 | 67.027 | 81.182 | 0 | -5.57 | 3.388e-021 | 42.14 | 78.294 | 81.426 | -2.761e-006 | -7.211 | -1.855e-005 | 2308 | 0 | -65 |
| 10 | 312.721 | 2318.577 | -0.000255033 | -282.881 | 18.745 | 40.022 | 51.16 | 5.421e-020 | -3.996 | -6.776e-021 | 33.59 | 54.902 | 51.195 | 8.435e-007 | -3.276 | -1.738e-005 | 2308 | 0 | -65 |
| 10 | 181.8 | 2371.873 | -0.000241937 | -345.724 | 9.071 | 17.884 | 24.188 | 0 | -2.279 | 0 | 23.398 | 32.953 | 24.93 | 2.809e-006 | 0.981 | -1.235e-005 | 2308 | 0 | -65 |
| 10 | 72.472 | 2436.491 | -0.000263384 | -413.84 | 2.521 | 4.362 | 6.16 | 0 | -0.815 | 0 | 11.34 | 14.377 | 7.357 | 2.453e-006 | 2.433 | -6.659e-006 | 2308 | 0 | -65 |
| 10 | 11.142 | 2318.58 | -2.95897e-05 | -529.241 | 0.11 | 0.202 | 0.277 | 1.017e-006 | -0.038 | 0 | 2.511 | 2.605 | 0.278 | 1.02e-006 | 0.017 | -1.531e-007 | 2308 | 0 | -65 |
| 10 | 0.000281455 | 2403.245 | 0.01 | -594.738 | 6.267e-007 | 3.403e-010 | 6.27e-007 | 2.728e-012 | -3.758e-011 | 8.517e-013 | 7.961e-005 | 8.154e-005 | 3.18e-006 | -2.763e-010 | 1.42e-005 | 1.553e-009 | 2308 | 0 | -65 |
| 15 | 450.329 | 2319.591 | -0.000313238 | -213.559 | 32.419 | 65.466 | 78.122 | 0 | -8.343 | 6.776e-021 | 42.357 | 75.466 | 78.183 | 1.635e-006 | -7.567 | -2.096e-005 | 2308 | 0 | -65 |
| 15 | 311.902 | 2366.464 | -0.000316727 | -272.718 | 19.632 | 37.358 | 47.598 | -2.711e-020 | -5.671 | 3.388e-021 | 33.089 | 51.882 | 48.665 | 5.776e-006 | -1.883 | -2.052e-005 | 2308 | 0 | -65 |
| 15 | 183.931 | 2429.2 | -0.000326775 | -331.734 | 9.749 | 16.381 | 22.433 | 0 | -3.051 | 0 | 22.836 | 32.169 | 25.135 | 7.285e-006 | 2.895 | -1.603e-005 | 2308 | 0 | -65 |
| 15 | 79.793 | 2496.538 | -0.000344145 | -393.804 | 3.131 | 4.625 | 6.662 | 0 | -1.16 | 0 | 11.758 | 16.088 | 9.498 | 5.177e-006 | 3.787 | -9.029e-006 | 2308 | 0 | -65 |
| 15 | 14.793 | 2439.672 | -3.15455e-05 | -491.882 | 0.27 | 0.612 | 0.75 | 9.411e-007 | -0.175 | 0 | 2.966 | 3.564 | 1.006 | 1.003e-006 | 0.656 | -1.992e-007 | 2308 | 0 | -65 |
| 15 | 0.000346205 | 2403.542 | 0.008 | -594.617 | 7.587e-007 | 3.626e-010 | 7.591e-007 | 2.884e-012 | -6.419e-011 | 1.099e-012 | 9.787e-005 | 1.003e-004 | 3.919e-006 | -2.576e-010 | 1.752e-005 | 1.445e-009 | 2308 | 0 | -65 |