```
100%|
                                              10/10 [21:47<00:00, 130.80s/it]
Initial separations: 461466.4179670947
Final separations: [ 2200. 457229.50012594 918904.59644391 1379500
.98102774
1838478.99543806 462208.21519059 923873.09676953 1384453.72970101
462206.72288136 [ 923870.39883255 462205.51252872]
                                                        the use of reduced-density
                                                                 ity (and therefore low-pres
Magnitude of desired separation change: 46155.77151617433
Separation changes: [ 733.45357238º 1472.94772086 2210.5555165 2946.35938138
740 04073679 er unit mass) of
                                        regions. We use the second smoothing kernel W2 for these virtual
1478.74132164 2216.18350473 739.25229particle1477ir79674699_ne739.09456163]ne_particle_a
```