

## TwoMeso factory

```
{
  "sample_builder_type": "SampleBuilderVer3",
  "layouts": [
    "RandomSizeParticles",
    "RotatedMesoFactory"
  ],
  "roughness": 4.0,
  "average_layer_thickness": 1000,
  "meso_elevation": 10,
  "RotatedMesoFactory": {
    "phi_start": -5.0,
    "phi_stop": 63.0,
    "phi_steps": 200,
    "tilt_start": 0.0,
    "tilt_stop": 0.0,
    "tilt_steps": 1,
    "layout_weight": 0.5,
    "surface_filling_ratio": 0.12
  },
  "meso_builder_type": "FuzzyCylinder",
  "lattice_length_a": 12.5,
  "lattice_length_c": 31.1,
  "nparticles": 10,
  "nanoparticle_radius": 5.02,
  "sigma_nanoparticle_radius": 0.3,
  "meso_height": 100,
  "meso_radius": 200,
  "particle_pos_sigma": 0.3,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```

