**Market Applications:** This technology is ideal for coating surgical implants, but can also be used in applications for bone fillers and cement.

**Advantages:**
- Specific particle size and morphologies (Relevant morphologies on primary or secondary hierarchy include spheres, hexagons, tubular, platelets, barrels, and cube-shaped structures).
- Controlled particle sizes from 50 nm to 5 µm with aspect ratios of 0.5 to 5.0.
- Low temperature coating process.
- Uniform film/coating with consistent particle morphology and controlled film thickness.
- Intermediate bonding layer for better substrate adhesion.


**Relevant Publications:**