

Customized development of specific “sol” solutions for nanostructured films deposition based on client’s need

Sol-gel is an extremely powerful technology, which allows a simple and cheap generation of nanostructured and functionalized surfaces offering disparate properties.

Materials surfaces can be turned into hydrophilic, hydrophobic, antifogging, antiglare, antibacterial, anti-scratch, and so on.

Owing to its strict collaboration with several Universities, beyond the production of standard sols NanoSurfaces can develop and produce customized sols according to the client’s need; the necessary safety sheets are also provided.

The application fields of sol-gel technique are almost countless: for example, textile industry (1-2), eyewear, cardboard production (3-4), food packaging, realization of continuous facades in metal (5), polymer (6-8) or cement based materials, etc.

