



CERAMIC COATING, ADVANDAGES, FEATURES

- **Whati is it ?** : Ceramics are the general name of materials which are not metallic neither organic and usually crystalline form of solid produced by complex heat treatment procedures.Different type of them can be applied over regular stainless steel under very high pressure in a vacuum enviroment. It's thickness is less than 15 microns so no geometric change or dullness on the cutting edge can be observed
- **Surface Hardness:** The surface hardness rises above 3500 micro vickers and significantly keeps the cutting edges sharper.
- **Siyah Renk:** The light reflections especially under microsurgery completely disappears.
- **Resistance:** It is very inert to the corrosive enviroment around the instruments during reprocessing and operations.
- **Low friction coefficient:** tools with a high degree of friction requiere less lubrication due to smooth surface.
- **Biyo uyumlu:** Ceramics coating are even applicable for implantable device. It does have no toxic or allergic effect.



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Neoner Tıp Teknolojileri
Demirciler Sit. Galaksi İş Merkezi
8.yol 73-152 Zeytinburnu-Istanbul
www.neoner.net
bilgi@neoner.net
Tel : 0212 416 5133
Faks: 0212 355 75 34