

CERAMIC

CERALON®



CERAMIC products encompasses all coatings on the basis of sol-gel and xerogel technologies. These solutions enable natural cooking with very good use features.

- Ceramic coating based on high quality sol-gel technology
- Good non-stick and abrasion properties
- Reduced staining in chicken wing test and good egg release
- Very good cleanability



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CERALON® – our ceramic model with excellent temperature stability

Product with high hardness and very good scratch resistance. Permanently easy to clean. Developed for daily use.

| Characteristics | |
|-----------------------------|--------------------------------|
| Quality level for consumers | ★★ |
| Basis | Ceramic (SOL-GEL) |
| Number of layers | 1 - 2 |
| Coating thickness µm [mils] | 40 - 50 [1.57 - 1.97] |
| Curing temperature °C [°F] | 200 [392] |
| Service temperature °C [°F] | 250 [482] |
| Color variety | various color options feasible |

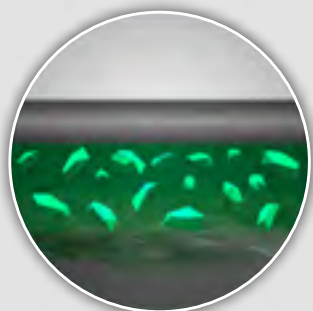
| Performance profile | |
|------------------------------------|-------|
| Scratch resistance | ★★★★★ |
| Abrasion (BS) | ★★★★★ |
| Non-stick (LGA) | ★★★★★ |
| Non-stick (LGA & milk) | ★ |
| Egg release test / 300 °C [572 °F] | ★★★★ |
| Chicken wing test | ★★★★★ |

| Substrate | |
|----------------------|----|
| Pressed / forged alu | ✓✓ |
| Cast alu | ✓ |
| Stainless steel | ✓✓ |

CERALON® is an one-coat or two-coat system with high hardness, which combines excellent temperature stability, good non-stick properties and outstanding cleanability. Due to a low curing temperature in production, Ceralon® has a lower energy consumption in comparison to standard coatings.



- ① High quality sol-gel top coat for excellent cleanability
- ② Ceramic reinforced sol-gel base coat
- ③ Specially prepared substrate for an optimum adhesion of the coating to the cookware product



CERAMIC COATINGS

ILAG coatings applicated in the right way can be used for food contact materials according to the European legislation.

