

## **PRODUCT DATA SHEET F-LON® 9030 Series**

**F-LON® 9030** has an excellent non-stick and superior abrasion resistance at **High Temperatures**. It also exhibits high level of hardness, heat dissipation, and is capable of corrosion & chemical resistance.

**F-LON® 9030** is a patented Ceramic Non-stick coating based on Sol-Gel technology.

Sol-Gel materials are formed from small inorganic particles suspended in solution that gel together to form an inorganic matrix.

**F-LON® 9030** is a predominantly inorganic coating with a backbone comprising the elements silicon (Si) and oxygen (O).

### **F-LON® 9030 Series**

|                                       |   |
|---------------------------------------|---|
| <b>Recommended Dry Film Thickness</b> | 40 ± 5 µm   |
| <b>Substrates</b>                     | Most metallic substrates.   |
| <b>Pre-treatment</b>                  | Degrease followed by sandblasting.  |
| <b>Application method</b>             | Hand spray or automatic spray line.   |
| <b>Curing schedule</b>                | 7-10 min @ peak of 280-320°C (or higher)*   |
| <b>Operating Temperature</b>          | 450°C   |
| <b>Colours available</b>              | Light Grey.   |
| <b>Typical applications</b>           | Whitegoods and its accessories, cookware, bakeware, heating elements, electronic equipment for heat dissipation and electrical insulative properties etc. |
| <b>Other properties</b>               | Corrosion resistance<br>Chemical resistance<br>Abrasion resistance<br>Non- stick<br>FDA Approved  |

\*Substrate: Al panel / Coating: Spray, 300°C / 10min / DFT = 40 ± 5 µm.

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