

**TECHNICAL DATA SHEET**  
**CRAMOLIN PLASTIK**  
**(LAQUER)**

**Art.-No. 120**

Usage:	spraying
Colour:	colourless
Specific gravity: [g /cm <sup>3</sup> ]	0,88
Drying conditions at room temperature:	25 min dry to touch 48 h totally cured
Drying conditions in an oven:	first 10-15 min at room temperature then 2 - 4 h at 60 - 70° C in an oven
Necessary coat thickness: [µm]	20 - 50
Coverage: [m <sup>2</sup> /l]	10 - 20
Temperature resistance: [° C]	-70 up to +120
Viscosity: (DIN 53211)	12 s
Resistance:	to acids, salt, corrosive vapours, thermal stress, alcohol mechanical abuse, alkalis, moisture
Surface resistance: [Ω]	5 x 10 <sup>14</sup>
Insulation resistance: [Ω]	10 <sup>14</sup>
Dielectric strengh: [kV/mm]	21

**PLASTIK** is based on acrylic resin particularly suitable for electronics. It forms a shiny, flexible and protective film, that is resistant to acids, salt, fungus, corrosive vapours, thermal stress mechanical abuse, alkalis, alcohol, moisture, and tough environmental conditions. It retains its effectiveness within a wide range of temperatures from -70° C to +120° C. **PLASTIK** adheres to various materials such as metal, plastics, wood, glass, etc. It does not drip and permits soldering through its own layer.

### **Application**

Protection of printed circuit boards, components, wires, cables etc. Elimination or prevention of creepage current, corona effects, shortcircuits and discharges. Corrosion protection of parts subjected to bad atmospheric conditions. Waterproofing of various materials such as cardboard, wood, leather etc.

### **Directions**

Surface to be treated has to be free of greases, oil, wax etc. Spray on the whole surface of parts to be treated, maintaining a distance of approximately 30 cm, otherwise the layer applied will flow. Should the spray nozzle get clogged, clean it using a thinner, acetone or turpentine.

*Note:* Although the information and recommendations set forth herein are presented in good faith and believed to be correct as of the date hereof, CRAMOLIN makes no representation as to the completeness or accuracy thereof. Information is supplied upon the conditions that the persons receiving the same will make their own as to its safety and suitability for their purpose prior to use. In no event will CRAMOLIN be responsible for damages of any nature whatsoever resulting from the use of or reliance upon information.