



## Technical Data Sheet

### CRAMOLIN® PLASTIK Art. No. 120

#### Product description

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 vapors, 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, short circuits and discharges. Corrosion protection of parts subjected to bad atmospheric conditions. Waterproofing of various materials such as cardboard, wood, leather etc.

#### Please note

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.



#### Technical Data

Color:	colorless
Odor:	solvent
Specific gravity (20° C):	0,88[g/cm3
Drying conditions at room temperature:	25 min dry to touch 48 h totally cured
Necessary coat thickness:	20 - 50 [µm]
Coverage:	5 - 8 [m <sup>2</sup> / 400mlcan]
Temperature resistance:	-70 up to +120 [° C]
Viscosity:	12 s (DIN 53211
Resistance:	to acids, salt, corrosive vapors, thermal stress, alkalis, moisture
Surface resistance:	5 x 10 <sup>14</sup> [Ω]
Insulation resistance:	10 <sup>14</sup> [Ω]
Dielectric strength:	21 [kV/mm] up to 790 kg (Falex)

#### Storage / Shelf Life

Shelf life is 2 years if stored correctly.  
Package after emptying to be disposed via metal scrap.