

## CA-TRON 1220F SUPER FAST CYANOACRYLATE INSTANT ADHESIVE

### ● PRODUCT DESCRIPTION

1220F super fast low viscosity wicking grade cyanoacrylate needs less surface moisture for curing rather than standard cyanoacrylates. This product can be applied by manual or dispensing systems for high speed mass production applications. CA-TRON 1220F designed for difficult to bond plastics and rubbers even contaminated surfaces such as wood, leather and oily surfaces.

### ● CURING PROPERTIES

| Reaching strength of 0.1N/mm <sup>2</sup> at 22°C and 50% relative humidity. |                 |
|--|-----------------|
| EPDM   | 1 - 3 Seconds   |
| Neoprene   | 1 - 3 Seconds   |
| Nitrile Rubber   | 1 - 2 Seconds   |
| Balsa Wood   | 1 - 2 Seconds   |
| ABS  | 1 - 2 Seconds   |
| Polycarbonate  | 5 - 10 Seconds  |
| Steel  | 15 - 30 Seconds |
| Leather  | 5 - 15 Seconds  |

### ● UNCURED PROPERTIES

|                         |                        |
|-------------------------|------------------------|
| Base                    | Ethyl Cyanoacrylate    |
| Appearance              | Colourless Liquid      |
| Specific Gravity (25°C) | 1.06 g/cm <sup>3</sup> |
| Viscosity (25°C)        | 5 - 20 mPa·s           |

### ● CURED PROPERTIES

|                        |                 |
|------------------------|-----------------|
| Temperature Resistance | -65°C to +100°C |
|------------------------|-----------------|

| Tensile Strength in accordance with ASTM D412 [B] |                           |
|---|---------------------------|
| EPDM  | 2 - 6 N/mm <sup>2</sup>   |
| Neoprene  | 5 - 15 N/mm <sup>2</sup>  |
| Nitrile Rubber                                    | 5 - 15 N/mm <sup>2</sup>  |
| Lap shear strength in accordance with ISO 4587    |                           |
| Steel   | 15 - 25 N/mm <sup>2</sup> |
| Aluminium   | 7 - 10 N/mm <sup>2</sup>  |
| Nitrile Rubber                                    | 5 - 10 N/mm <sup>2</sup>  |
| Polycarbonate                                     | 5 - 10 N/mm <sup>2</sup>  |
| ABS   | 6 - 10 N/mm <sup>2</sup>  |

### ● STORAGE AND SHELF LIFE

Recommended Storage temperature is 4°C (Refrigeration). Maximum storage temperature is 25°C. Shelf life at the recommended refrigerated temperature (unopened) is 12 months.

