

## CA-TRON 1241 INSTANT CYANOACRYLATE ADHESIVE

### ● PRODUCT DESCRIPTION

CA'TRON 1241 is a multipurpose instant cyanoacrylate adhesive for multiple bonding applications. CA'TRON 1241 is suitable to bond hard to bond plastics, rubbers, composites and metals. Complies with Mil-A-46050C, Type II Class I

### ● CURING PROPERTIES

Reaching strength of 0.1 N/mm <sup>2</sup> at 22°C and 50% relative humidity	
EPDM	<7 Seconds
Neoprene	<5 Seconds
Nitrile Rubber	<5 Seconds
Polycarbonate	<8 Seconds

### ● UNCURED PROPERTIES

Base	Ethyl Hybrid
Appearance	Colourless Liquid
Specific Gravity (25°C)	1.06 g/cm <sup>3</sup>
Viscosity (25°C)	25 - 40 mPa·s
Flash Point	>85°C

### ● CURED PROPERTIES

Gap Fill (mm)	0.1
Temperature Resistance	-55°C to +82°C

Temperature (°C)	% of Initial Strength
22	100
75	81
100	80
125	53

Lap Shear Strength in accordance with ISO 4587	
Steel (Grit Blasted)	>15 N/mm <sup>2</sup>
Polycarbonate	>6 N/mm <sup>2</sup>
Tensile Strength in accordance with ASTM D 412 [B]	
Nitrile Rubber	>5 N/mm <sup>2</sup>
EPDM	>2.5 N/mm <sup>2</sup>
Neoprene	>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.

