



# VIA-CHEM VIA-BOND

Cyanoacrylate Super Glue, Epoxies, Adhesives, Cements, Hooks & Klips

## VB1786 CYANOACRYLATE ADHESIVE TECHNICAL DATA SHEET

### INFORMATION

VB1786 is an ethyl, medium viscosity type instant adhesive which provides a fast cure for several substrates.

### TYPICAL PROPERTIES

#### 1. Uncured State

Properties	Units	Value
Appearance	-	Clear transparent liquid
Viscosity	mPa • s (cP)	150 (150)
Specific gravity	-	1.05
Set time Steel/Steel	Second	5
Set time NBR/NBR		3

#### 2. Cured Material

Properties	Units	Value	
Shear Strength	Steel/Steel	18.0 (184)	
	Al/Al	13.0 (133)	
	Stainless/Stainless	12.9 (132)	
	Cu/Cu	9.1 (93)	
	Brass/Brass	10.1 (103)	
	Hard PVC	Material Failure	
	6-Nylon	5.9 (60)	
	ABS	Material Failure	
	PPS	4.0 (41)	
Break Down Voltage	MV/m (kV/mm)	30 (30)	
Volume Resistivity	$\Omega \cdot m$	$6.0 \times 10^{11}$	
Surface Resistivity	----	$5.0 \times 10^{14}$	
Flash point	°C	90	
Dielectric Loss Tangent	1MHz	0.027	
	1kHz	----	0.01050
	50Hz		0.1211
Dielectric Constant	1MHz		2.873
	1kHz	----	3.345
	50Hz		3.592

*These are typical results not product specifications.*