



## Three Bond International, Inc. Technical Data Sheet

### **TB1747B** **CYANOACRYLATE ADHESIVE**

#### **Information**

TB1747B is a high viscosity, fast curing, and single component cyanoacrylate adhesive. It cures rapidly at room temperature and demonstrates excellent adhesive efficiency.

#### **Applications**

TB1747B can be used mostly for bonding metals, plastics and rubbers.

#### **Typical Properties**

##### **1. Uncured State**

Properties	Units	Value
Appearance	-	Clear transparent liquid
Viscosity	mPa • s {cP}	5000 {5000}
Specific gravity	-	1.05
Set time Steel/Steel	Second	10
Set time NBR/NBR		5
Set time PMMA/PMMA		15
Set time EPDM/EPDM		10
Set time Nylon/Nylon		25
Set time ABS/ABS		10
Set time Polycarbonate/Polycarbonate		15

## 2. Cured Material

Lap shear strength

Substrate	Units	Value
Steel/Steel	MPa{kgf/cm <sup>2</sup> }	15.8{161}
NBR/NBR		MF
PMMA/PMMA		MF
EPDM/EPDM		MF
Nylon/Nylon		4.6{47}
ABS/ABS		MF
Polycarbonate/Polycarbonate		MF

MF - Material failure

## 3. Military Specification

MIL-A- 46050C, Type II, Class 4

*These are typical results not product specifications.*