



## Three Bond International, Inc. Technical Data Sheet

### TB1742B CYANOACRYLATE ADHESIVE

#### Information

TB1742B is a low viscosity, fast curing, single component cyanoacrylate adhesive. It cures rapidly at room temperature and demonstrates excellent adhesive efficiency.

#### Applications

TB1742B can be used mostly for bonding metals, plastics and rubber.

#### Typical Properties

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

Properties	Units	Value
Appearance	-	Clear transparent
Viscosity	mPa • s {cP}	45 {45}
Specific gravity	-	1.05
Set time Steel/Steel	Second	8
Set time NBR/NBR		5
Set time EPDM/EPDM		7
Set time EPDM/Soft PVC		8
Set time ABS/ABS		5
Set time Balsa wood/Balsa wood		10

## 2. Cured Material

Lap shear strength

Substrate	Units	Value
Steel/Steel		16.1{165}
NBR/NBR		MF
EPDM/EPDM		MF
EPDM/Soft PVC	MPa{kgf/cm <sup>2</sup> }	MF
ABS/ABS		MF
Balsa wood/Balsa wood		MF

MF - Material failure

## 3. Military Specification

MIL-A- 46050C, Type II, Class 1

*These are typical results not product specifications.*