



## Three Bond International, Inc. Technical Data Sheet

### TB1746B CYANOACRYLATE ADHESIVE

#### Information

TB1746B is a medium high viscosity, slow curing, and single component cyanoacrylate adhesive. It cures rapidly at room temperature and demonstrates excellent adhesive efficiency.

#### Applications

TB1746B 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}	750 {750}
Specific gravity	-	1.05
Set time Steel/Steel	Second	50
Set time NBR/NBR		25
Set time EPDM/EPDM		35
Set time EPDM/Soft PVC		25
Set time ABS/ABS		25
Set time Balsa wood/Balsa wood		30

## 2. Cured Material

Lap shear strength

Substrate	Units	Value
Steel/Steel		15.7{160}
NBR/NBR		MF
EPDM/EPDM		MF
EPDM/Soft PVC		MF
ABS/ABS		MF
Balsa wood/Balsa wood		MF

MF - Material failure

## 3. Military Specification

MIL-A- 46050C, Type II, Class 3

*These are typical results not product specifications.*