



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	MPa{kgf/cm ² }	16.1{165}
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 1

These are typical results not product specifications.