



Three Bond International, Inc. Technical Data Sheet

TB1747C **CYANOACRYLATE ADHESIVE**

Information

TB1747C is a high viscosity, fast curing, and single component cyanoacrylate adhesive. It cures rapidly at room temperature and demonstrates excellent adhesive efficiency.

Applications

TB1747C 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}	2300 {2300}
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 ² }	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 3

These are typical results not product specifications.