



Three Bond International, Inc.

Technical Data Sheet

TB1747

CYANOACRYLATE ADHESIVE

Information

TB1747 is a high viscosity, fast curing, and single component cyanoacrylate adhesive. It cures rapidly at room temperature and demonstrates excellent adhesive efficiency.

Applications

TB1747 can be used mostly for bonding metals, plastics and rubbers.

Typical Properties

1. Uncured State

Properties	Units	Value
Appearance	-	Clear Transparent
Viscosity	mPa • s (cP)	1300 (1300)
Specific gravity	-	1.05
Set time Steel/Steel	Second	10
Set time NBR/NBR		5
Set time EPDM/EPDM		10
Set time ABS/ABS		10
Set time Polycarbonate/Polycarbonate		10
Set time Nylon/Nylon		25
Set time PMMA/PMMA		15

2. Cured Material

Lap shear strength

Substrate	Units	Value
Steel/Steel	MPa (kgf/cm ²)	18.6(190)
NBR/NBR		MF
EPDM/EPDM		MF
ABS/ABS		MF
Polycarbonate/Polycarbonate		MF
Nylon/Nylon		4.2(43)
PMMA/PMMA		MF

MF - Material failure

3. Military Specification

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

These are typical results not product specifications.