

Three Bond International, Inc. Technical Data Sheet

TB17N-020 - CYANOACRYLATE ADHESIVE

Information

TB17N-020 is a medium viscosity, fast curing, and single component cyanoacrylate adhesive. It cures rapidly at room temperature and demonstrates excellent adhesive efficiency.

Applications

TB17N-020 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)	100 (100)
Specific gravity	-	1.05
Set time Steel/Steel	Second	5
Set time NBR/NBR		5
Set time EPDM/EPDM		10
Set time EPDM/Soft PVC		10
Set time ABS/ABS		5
Set time Balsa wood/Balsa wood		10

2. Cured Material – Lap Shear Strength (MPa)

Substrate	Units	Value
Steel/Steel		16.1(165)
NBR/NBR		Material failure
EPDM/EPDM		Material failure
EPDM/Soft PVC		Material failure
ABS/ABS		Material failure
Balsa wood/Balsa wood		Material failure

3. Military Specification MIL-A- 46050C, Type II, Class 2

These are typical results not product specifications.