



Three Bond International, Inc. Technical Data Sheet

TB17N-019 CYANOACRYLATE ADHESIVE

Information

TB17N-019 is a low viscosity, single component cyanoacrylate adhesive. It demonstrates excellent adhesive efficiency, and 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)	40 (40)
Specific gravity	-	1.05

2. Set time

Substrate	Units	Value
Steel / Steel	Second	45
Aluminum / Aluminum		25
EPDM / EPDM		10
ABS / ABS		5
PC / PC		12
NBR/NBR		12
Nylon 66 / Nylon 66		12

3. Lap Shear Strength (24 hours)

Substrate	Units	Value
Steel / Steel	MPa (kgf/cm ²)	19.4 (198)
Aluminum / Aluminum		12.9 (131)
EPDM / EPDM		0.2 (2)
ABS / ABS		5.9 (60) MF
PC / PC		5.8 (59) MF
NBR/NBR		0.3 (3)
Nylon 66 / Nylon 66		3.0 (30)

MF - Material failure

These are typical results not product specifications.