

Revised
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TECHNICAL DATA SHEETS
NI 500

Description:

NI 500 is a Low odor/Low bloom instant adhesive. **NI 500** greatly reduces frosting on parts and the need for sophisticated ventilation.

Physical Properties:

COLOR: Clear
VISCOSITY: 500cps
BASE: Butyl
STRENGTH: 1900 / 3000
TEMPERATURE RANGE: - 65 - 180°F
CURE SPEED: 10 seconds
(FIXTURE)

SPECIFIC GRAVITY 1.05
SOLUBLE IN: Remove Debonder

Storage

The NI series is ideally stored in a cold, dry location in unopened containers. Optimal storage temperature is under 50°F. To prevent contamination of unused product, do not return any material to its original container. For specific shelf life contact Adhesive Systems Inc.

Handling Characteristics:

Shear Strength, ASTM D1002, DIN 53283	Value	Range
Girt Blasted Steel, N/mm ² (psi)	20 (2900)	14 to 22 (2030 to 3190)
Etched Aluminum, N/mm ² (psi)	14 (1920)	9 to 15 (1305 to 2175)
ABS, N/mm ² *	>7 (>885)	
PVC, N/mm ² *	>5 (>640)	
Polycarbonate, N/mm ² *	>5 (>790)	
Phenolic, N/mm ² *	11 (155)	5 to 15 (700 to 2200)
Neoprene rubber, N/mm ² *	>11 (>1510)	
Nitrile rubber, N/mm ² *	>11 (>1510)	
Tensile Strength, ASTM D2095, DIN 53283		
Grit Blasted Steel, N/mm ² (psi)	18.5 (2735)	14 to 25 (1400 to 3600)

* Substrate Failure

Engineering Excellence

For technical information
and support call **1-800-552-0299** or visit our website at

www.instantca.com