

Technical Data Sheet

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Properties of "CEMEDINE Super X No.8008 Clear"

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CEMEDINE Co. Ltd.
DEPARTMENT OF R&D

MANAGER	MANAGER	CHARGE	CHARGE

For Customers

The data and statement which are reported in this sheet show the result at CEMEDINE, and it doesn't mean a guarantee. Please make sure when using

1. Purpose

Properties of fast curing elastic adhesive, “CEMEDINE Super X No.8008 Clear” is reported.

2. Results

2-1. General Properties

	Super X No.8008 Clear
Appearance	Semi - translucent yellowish paste
Viscosity (Pa·s/23°C)	82.6
SVI(—)	1.19
Specific gravity(g/cm ³)	1.07
Tack-free time(min)	8
Depth of curing(mm, 24hr)	1.88

2-2. Curing properties

	Super X No.8008 Clear
Breaking strength(N/mm ²)	4.00
Breaking elongation (%)	167
Hardness (shore A)	50

2-3. Adhesion Properties to plastics and metals (Tensile-shear strength N/mm²)

2-3-1. Normal cured

	Super X No.8008 Clear
PVC	2.01 CF30% AF70%
PC	2.00 CF20% AF80%
PS	0.74 AF
ABS	1.16 AF
PMMA	1.35 CF10% AF90%
6-Ny	2.24 CF
SPCC	2.20 CF50% US 50%
Al	3.52 CF

CF : Cohesive fracture , AF : Adhesical fracture US : Uncured state

2-3-2. Aged at 80 °C for 1week

	Super X No.8008 Clear
PVC	3.33 CF
PC	1.10 CF10% AF90%
PS	1.10 AF
ABS	3.65 CF
PMMA	3.60 CF
6-Ny	3.74 CF
SPCC	5.08 CF
Al	5.01 CF

CF : Cohesive fracture , AF :Adhesical fracture

2-3-3. Soaked in water(50 °C) for 1week

	Super X No.8008 Clear
PVC	1.51 AF
PC	0.90 AF
PS	0.71 AF
ABS	1.45 AF
PMMA	1.96 AF
6-Ny	0.97 AF
SPCC	3.31 CF
Al	1.79 AF

CF : Cohesive fracture , AF :Adhesical fracture

2-4. T-peel adhesion strength(N/mm)

	Super X No.8008 Clear
Canvas × Canvas	1.31

2-5. 180°peel adhesion strength(Substrate: various plastic and canvas (N/mm)

	Super X No.8008 Clear
SPCC × Canvas	1.44

2-7. Curving speed (Lap shear strength N/mm^2)

Substrate: plywood : non-open-time

	20min	30min	60min	120min
Super X No.8008 Clear	0.44	0.82	1.23	1.33

2-8. Heat aging test (Substrate: aluminum Lap shear strength : N/mm^2)

		Super X No.8008 Clear
Nomal cured		3.52 CF
100°C	2W	6.08 CF
	4W	6.40 CF
120°C	2W	5.76 CF
	4W	5.12 CF
130°C	1W	5.61 CF
	2W	4.37 CF
	4W	4.33 CF

CF : Cohesive fracture