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MY-T-BOND®

Epoxy 2K

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Overview:

My-T-Bond® 2708 is an industrial grade general purpose two component epoxy adhesive. It is a toughened, medium viscosity, Industrial grade epoxy adhesive.

Pack Size:

My-T- Bond® 2708 is ideally available in

- 50 ml and 400 ml dual cartridge
- Provides high peel resistance
- High shear strength
- Resistant to a wide range of chemicals
- Acts as an excellent electrical insulator

Features and benefits:

- The high-performance epoxy provides excellent bond strengths to a wide variety of plastics, metals, rubbers and cotton fabric lagging material
- Ideal for general purpose industrial applications requiring extended work life for adjusting parts during assembly.

Specification:

Properties

1.)	Appearance;	:	
	Component (A)		Pale Yellow
	Component (B)		Yellow
	Mixed (Part A + Part B)		Off White
2.)	Mix ratio by weight; (Part A: Part B)	:	2:1
3.)	Pot Life @25 ±2 °C(100gm mix)	:	30 min
4.)	Lap Shear Strength, ASTM D 1002;	:	20 – 30 N/mm ²
	Steel		
5.)	Impact Strength, ASTM D950;	:	>35 N/mm ²
	Steel		
6.)	Viscosity;	:	
	Component (A)		60000-90000 cP
	Component (B),		7000 -10000 cP
	Brookfield, Spindle 6, Speed 10		
	r.p.m@25±2C		

Overview:

My-T-Bond® 2709 is a high strength, 2K Structural epoxy Room temperature curing, thixotropic adhesive.

- It bonds and repairs a wide variety of materials
- It offers superior thermal shock resistance and impact resistant properties
- Used for bonding heavy metal parts
- Suitable for bonding electronic components and mesh to frames

Pack Size:

My-T- Bond® 2709 is ideally available in

- 50 ml and 400 ml dual cartridge

Features and benefits:

- It offers superior thermal shock resistance and impact resistant properties.
- Used for industrial assemblies for multi-purpose applications viz. spindle motor assembly, magnet bonding
- Used for bonding of metals, electronic components, GRP structures
- Favored for higher than normal temperature or more aggressive environment

Specification:

Properties

1.)	Appearance;	:	
	Component (A)		Off-White
	Component (B)		Amber
	Mixed (Part A + Part B)		Off-White
2.)	Mix ratio by weight; (Part A: Part B)	:	2:1
3.)	Pot Life @25 ±2 °C(gm mix)	:	30 min
4.)	Lap Shear Strength, ASTM D 1002;	:	25 - 30 N/mm ²
	Steel		
5.)	Tensile Strength, ASTM D 897;	:	25 - 30 N/mm ²
	Steel		
6.)	Viscosity;	:	
	Component (A)		35000-50000 cP
	Component (B),		15000-20000 cP
	Brookfield, Spindle 6, Speed 10		
	r.p.m@25±2C		



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Overview:

My-T-Bond® 2710 is a clear, medium viscosity, room temperature curing 2K-Epoxy system.

- It cures to a tough polymer and develops good bonding strength with various plastics and metals substrates.
- It has good petrol and diesel resistance.
- Free Flowing

Pack Size:

My-T-Bond® 2710 is ideally available in

- 50 ml and 400 ml dual cartridge
- 1 kg and 5 kg packing containers

Features and benefits:

- Used for industrial assemblies for multi-purpose applications
- Also suitable for bonding, potting and encapsulating electronic components

Specification:

Properties

1.)	Appearance;	:	
	Component (A)		Clear
	Component (B)		Clear
	Mixed (Part A + Part B)		Clear
2.)	Mix ratio by weight; (Part A: Part B)	:	2:1
3.)	Pot Life @25 ±2 °C (100 gm mix)	:	30 min
4.)	Lap Shear Strength, ASTM D 1002; Steel	:	≥ 6 N/mm ²
5.)	Tensile Strength, ASTM D 897; Steel	:	≥ 7 N/mm ²
6.)	Viscosity;	:	
	Component (A)		11000 - 13000 cP
	Component (B), Brookfield, Spindle 6, Speed 20 r.p.m@25±2C		14000 - 16000 cP



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MY-T-BOND®

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Overview:

My-T-Bond® 2721 is a low viscosity two component epoxy adhesive with moderate work life and slow cure at ambient temperature.

Pack Size:

My-T-Bond® 2721 is ideally available in

- 5 kg and 20 kg packing containers

Features and benefits:

- It becomes a viscous liquid which after curing, takes the form of a hard and durable material.
- It has excellent resistance to oil, water & wide variety of solvents.

Properties

1.)	Appearance;	:	
	Component (A)		Clear
	Component (B)		Clear
	Mixed (Part A + Part B)		Clear
2.)	Mix ratio by weight; Part A: Part B	:	2:1
3.)	Pot Life @25 ±2 °C (100 gm mix)	:	30-35 min
4.)	Lap Shear Strength, ASTM D 1002; Steel	:	6-10 N/mm ²
5.)	Tensile Strength, ASTM D 897; Steel	:	10-13 N/mm ²
6.)	Viscosity;	:	
	Component (A)		1300 – 1700 cP
	Component (B), Brookfield, Spindle 6, Speed 20 r.p.m@25±2C		30 – 50 cP



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MY-T-BOND®

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Overview:

My-T-Bond® 2722 is a solvent free, low viscosity two component epoxy adhesive with moderate work life and slow cure at ambient temperature.

Pack Size:

My-T- Bond® 2722 is ideally available in containers in polyethylene containers / HDPE Drum.

- 250 gm ➤ 1 kg ➤ 2 kg
- 5 kg ➤ 10 kg ➤ 50 kg

- Formulated and processed to obtain void free casting, potting encapsulated components.
- Low exothermic
- It has excellent resistance to oil, water & wide variety of solvents.
- The cured polymer shows good mechanical, electrical & chemical properties.

Features and benefits:

- Suitable for Potting, Encapsulation & coating
- Potting of auto electrical components
- Casting of switch gear components and insulators
- Potting of instrument transformers
- Cable joint insulation, with all types of cables such as PILC, PVC, and Rubber insulated
- Topping of capacitors as sealant.

Properties

1.)	Appearance;	:	
	Component (A)		Black
	Component (B)		Pale Yellow
	Mixed (Part A + Part B)		Black
2.)	Mix ratio by weight; (Part A: Part B)	:	2:1, 3:1, 4:1
3.)	Pot Life @25 ±2 °C (100 gm mix)	:	65 min
4.)	Viscosity;	:	
	Component (A)		11300 - 14500 cP
	Component (B),		2750 - 4000 cP
	Brookfield, Spindle 6, Speed 20		
	r.p.m@25±2C		



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MY-T-BOND®

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Overview:

My-T-Bond® 2738 is a 2K-Epoxy room temperature curing, thixotropic adhesive; it bonds and repairs a wide variety of materials.

Pack Size:

My-T-Bond® 2738 is ideally available in

- 50 ml and 400 ml dual cartridge
- 1 kg and 5 kg packing containers

- offer superior thermal shock resistance
- Shows good mechanical, electrical and impact resistant properties.
- Free Flowing

Features and benefits:

- Used for industrial assemblies for multi-purpose applications
- Suitable for bonding and potting electronic components.
- Used for bonding of metals, electronic components, GRP structures.

Properties

1.)	Appearance; Component (A) Component (B) Mixed (Part A + Part B)	:	Black Slight Yellow Black
2.)	Mix ratio by weight; Part A: Part B	:	100:80
3.)	Pot Life @25 ±2 °C (10gm mix)	:	3 min
4.)	Lap Shear Strength, ASTM D 1002; Steel	:	10-13 N/mm ²
5.)	Impact Strength, ASTM D 950; Steel	:	>35 N/mm ²
6.)	Viscosity; Component (A) Component (B), Brookfield, Spindle 6, Speed 20 r.p.m@25±2C	:	13000-15000 cP 10000 -16000 cP



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Overview:

My-T-Bond® Fast and Clear Epoxy is a two-component epoxy adhesive ideal for general purpose applications.

- Epoxy is resistant to a wide range of chemicals and solvents,
- Acts as an excellent electrical insulator.
- Clear appearance
- Short pot life

Pack Size:

My-T-Bond® Fast and Clear Epoxy is ideally available in

- 50 gm, 200 gm, 2 kg and 10 kg pack

Features and benefits:

- Bonding plastic, metal, glass, wood, ceramic, rubber, and masonry materials.
- Potting in various electrical component and general-purpose applications.
- It is used for epoxy casting and designed specifically for encapsulation and potting.

Properties

1.)	Appearance; Component (A)	:	Clear
	Component (B)		Clear
	Mixed (Part A + Part B)		Clear
2.)	Mix ratio by weight; Part A: Part B	:	100:100
3.)	Pot Life @25 ±2 °C (10gm mix)	:	5-10 min
4.)	Lap Shear Strength, ASTM D 1002; Steel	:	10-15 N/mm ²
5.)	Tensile Strength, ASTM D 897; Steel	:	10-15 N/mm ²
6.)	Viscosity; Component (A)	:	12500-20000 cP
	Component (B), Brookfield, Spindle 6, Speed 20 r.p.m@25±2C		50000 – 120000 cP



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Overview:

My-T-Bond® Standard Epoxy is a two-component epoxy adhesive ideal for general purpose applications.

- bonding plastic, metal, glass, wood, ceramic, rubber, and masonry materials

Pack Size:

My-T-Bond® Standard Epoxy is ideally available in

- 36 gm, 180 gm and 1.8 kg packing

Features and benefits:

- resistant to a wide range of chemicals and solvents
- acts as an excellent electrical insulator.
- epoxy casting and designed specifically for encapsulation

Properties

1.)	Appearance;	:	
	Component (A)		Clear
	Component (B)		Pale yellow
	Mixed (Part A + Part B)		Opaque
2.)	Mix ratio by weight; Part A: Part B	:	1:0.8
3.)	Pot Life @25 ±2 °C (100gm mix)	:	90 min
4.)	Lap Shear Strength, ASTM D 1002; Steel	:	10-15 N/mm ²
5.)	Tensile Strength, ASTM D 897; Steel	:	10-15 N/mm ²
6.)	Viscosity;	:	
	Component (A)		30000-35000 cP
	Component (B),		15000 – 20000 cP
	Brookfield, Spindle 6, Speed 20		
	r.p.m@25±2C		