

PGM 402

Cyanoacrylate Adhesive



DAEHEUNG CHEMICAL

PGM 402 is one component α -cyanoacrylate adhesive with many excellent characteristics. Without solvents, heat or pressure, adhesive cures rapidly at room.

1. Uses

- Metal, plastic, Rubber, Wood, Leather etc.

2. Characteristics

- Quick setting.
- Adhesion for wide range of materials.
- Excellent in bonding strength.

3. Physical properties

Properties	Value
Main component	Ethyl cyanoacrylate
Color	Clear & viscous liquid
Viscosity	50~100 cps (at 20 °C, RION VT-04)
Specific Gravity	1.06 g/m ³
Flash point	155 °C
Max Operating temperature	-20 °C to 80 °C
Typical cure speed	Metal/metal <5sec ABS/ABS <7sec Rubber/rubber <10sec Wood/wood <20sec
Full cure time	24 hours at 20 °C
Tensile Shear Strength	Min. 110 kgf/cm ²
Shelf life	9months in unbroken package under dry and cool condition

4. How to use

- Surfaces must be cleaned. If the surfaces are affected by dust or grease the cure speed will be lengthened and adhesive strength will be deteriorated.

- Fill the nozzle for dropping the adhesive deposited. Make a small hole in the tip with attached pin. Should not splash into eyes directly.
- Apply only a small amount to one bond surface. Smaller amount will better for high strength.
- A drop of PGM 402 is applied to one surface and without spreading place the other surface quickly together. Good spread and high adhesive strength can be obtainable
- After application, clean the excess adhesive around the container and cover cap.

5. Caution

- Avoid direct rays of the sun and keep in cool and dry place.
- Avoid skin contact.
- Do not get adhesive on your skin or other part of your body or that of others In case of body contact, flush with water get medical attention for any eye or internal contact.
- Keep out of reach of children.
- Close the cap tightly after using it
- Don't use except for the original purpose.

6. Packaging

- 50g PE

Please contact us for further information or see Material Safety Data Sheet (MSDS) for this product.

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