



## TENAGA KIMIA SENDIRIAN BERHAD (26191 A)

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## TECHNICAL DATA SHEET

**PRODUCT:** DETONATING CORD 5G/M  
**BRAND:** DETONATING CORD  
**SERIES:** DETONATING CORD

### Product Specification

- (A) Appearance: Colour coded on outer sleeve of plastic, the thickness of plastic is even with no air bubbles, apertures, cracks or serious damage.
- (B) Loading Explosive: PETN
- (C) Charge Weight: 4.6 – 5.6g
- (D) Velocity of Detonation:  $\geq 6000\text{m/s}$
- (E) Outer Diameter:  $\leq 4.5\text{mm}$
- (F) Tensile Strength:  $\geq 500\text{N}$
- (G) Water Resistance: Kept in 5m-deep water ( $10\text{-}25^{\circ}\text{C}$ ) or a water pressure chamber of 50kPa for 5 hours, the detonating feature should remain reliable.
- (H) Temperature Tolerance: Kept at  $50^{\circ}\text{C} \pm 2^{\circ}\text{C}$  for 6 hours or at  $-40^{\circ}\text{C} \pm 2^{\circ}\text{C}$  for 2 hours, the detonating features should remain reliable.

Packing Method	Packing: in cartons, 1000m/carton Net weight: 15kg
Usage	For initiation of shock tube, micro explosion in coal mine, and initiation of other type of detonating cord.
Cautions of Transport and storage	1: Handle with care, violent impact is strictly prohibited. 2: Keep away from detonators while transport and storage. 3: Should be evenly packed inside the train wagon or containers when loading, stack height should not more than 7 layer or 1.8 meters.
Fire fighting Method	Handle with water: do not use sand or foam fire extinguisher

