

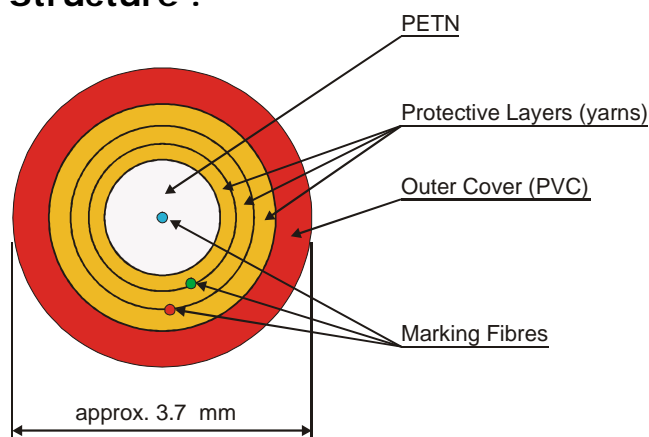
## Product Data Sheet

# DETONEX 5 g/m

### Description

DETONEX 5 g/m consists in a core of PETN (a white crystalline powder) at 5 g/m loading surrounded by spinning and counter-spinning yarns enclosed in a outer red polymeric coating (PVC).

### Structure :



**Chemical formula: \***

**Chemical structure: \***

**Molecular weight: \***

**CAS No: \***

**EINECS: \***

**Chemical name: \***

### Synonyms:

Detonating cord, cordeau détonant, Sprengschnur.

\*see product data sheet for PETN

### Specifications:

Core load (PETN, g/m)	4.5 – 6.0
Total weight (g/m)	11 - 15
Outer diameter (mm)	approx. 3.7
VOD (m/s)	> 7200
Tensile strength (N)	> 400
Shock sensitivity (cm)	
2 kg hammer	no detonation
5 kg hammer	> 30

### Other properties:

See also product data sheet for PETN.

**PETN is a high explosive, sensitive to impact, friction and fire**

### Handling

**Stability** min. 5 years

### Transport classification:

UN N° 0065  
RID/ADR Class 1.1 D  
IMDG-Class 1.1 D  
IATA/ICAO forbidden

### Toxicity

PETN when ingested acts as a blood pressure dropping agent

### Applications

For miscellaneous uses in the explosive industry.

# *Product Data Sheet*

## **DETONEX 5 g/m**

### **Safety**

Avoid inhalation of dust or direct contact with eyes or skin by applying suitable protective measures and personal hygiene.

For full safety information and necessary precautions, please refer to the respective Safety Data Sheet.

Local regulations concerning hazardous materials should be observed.

The information given in this document is based on our current knowledge and experience, and may be used at your discretion and risk. It does not relieve you from carrying out your own precautions and tests. We do not assume any liability in connection with your product or its use. You must comply with all applicable laws and regulations, and observe all third party rights.

