

BLACK POWDER

for stone pits



Description

Black Powder for stone pits is a mixture of potassium nitrate, sulfur and charcoal in granulated form. The powder grains are polished in order to achieve a smooth, slippery surface.

Technical data

Bulk density:	0.9 gr./cm ³
Granulation:	1-10 mm
Moisture:	max 1.0%
Ash:	max 0.5%
Velocity of detonation:	400 m/sec (in steel tube of 35-41 mm diameter)
Strength (lead block expansion):	30 cm ³
Energy of explosion:	740 Kcal/Kg
Gas volume:	280 lt./Kg
Explosion temperature:	2380°C
Ignition temperature:	300°C
Impact sensitivity:	2 kg (70-100 cm)

5% deviation is permitted to the above specifications.

Application

Black powder for stone pits is still suitable for quarry operations where a mild blasting effect is desired like stone and marble treatment.

Packaging

Black powder is delivered in plastic bags. Ten such bags are placed in a corrugate board case of 25kg gross weight.

Storage

Black Powder for stone pits should be handled stored and used according to the national laws and regulations. It should be stored in a cool, dry, well-ventilated place. Provided that storage conditions are appropriate, it is recommended to use **Black Powder** for stone pits within 12 months. Product shelf life can be further extended after examined by the supplier.

Product classification

Commercial Name:	Black Powder for stone pits
Technical Name:	Black Powder
UN-number:	0027
Division/Compatibility Group:	1.1D



CE