

# Black Powder

Black Powder is a low explosive powder made from a combination of Sulphur (10%), charcoal (15%) and potassium nitrate (75%).

Black Powder deflagrates rather than explodes (i.e. has a velocity of Detonation <1000m/s) when confined and as such is suited for use in 'gentle' blasting applications such as dimension stone production, primarily to limit the formation of excessive cracks in the deposit being worked.

For specialist blasting applications EPC-UK stocks as standard Wano NPMC medium grained black powder (particle size approx. 0.8mm - 4mm), other grades are available on request.



## Product and Company Identification

Product Identifier	<b>Black Powder</b> Including Blasting powder, fireworks powder, golden glitter powder, musket powder, fuse powder, black powder according to TL 1376-05xx, black powder according to MIL-P-223-C, black powder according to INT. DEF. STAN. 13-167/1, black powder according to BOFORS standard W9-33.
Use of the Product	Blasting, Pyrotechnics, Propellant.
Manufacturer / Supplier	EPC-UK EXPLOSIVES
Address	ROUGH CLOSE WORKS CARNFIELD HILL SOUTH NORMANTON ALFRETON DERBYSHIRE, DE55 2BE
Telephone Number	01773 832253
Contact e-mail	info@epc-groupe.co.uk
Emergency Telephone Number	01773 832253

## Product Specification

Product Type	Black Powder
Product Name	Wano NPMG Black Powder
Weight Strength (% ANFO)	N/A
Bulk Strength (% ANFO)	N/A
Density (g/ml)	1.7
VOD (m/s)	300-600
Gas Volume (l/kg)	280
Water Resistance	None
Fume Characteristics	Poor
Detonator Sensitive	Yes (0.6g PETN or Equivalent)
Temperature Range (use) °C	-20/+50
Shelf Life	10 yrs (if stored unopened)
UN Number	UN0027
UN Description	Black Powder (Gun Powder)
UN Class/Compatibility Group	1.1D
CE Mark	0589.EXP.0086/98

CE

## Packaging Details

Product Packaging	Plastic Bag/Fibreboard Box
Cartridge Diameter	Bulk
Cartridge Length	Bulk
Cartridge Weight	Bulk
Cartridges/box	Bulk
Box Weight (kg)	25

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TERMS AND CONDITIONS: "The products and services that we supply to you are sold subject to our standard Terms and Conditions of Supply and any other Special Conditions that we notify to you. Copies of these conditions are available on request."

The information contained in this leaflet is given without warranty and cannot cover all conditions of use. Users should undertake their own tests to ensure the suitability of the products for their own particular application.

