



Black Powder



Black powder is a mixture of potassium nitrate, sulphur and charcoal processed into different grain sizes. It is used for ignition charge, primer charge and blasting charge as explosives. It is commonly used in detonation cords for fireworks and crackers.

To size the grain it is classified as seven grades, namely classes No.1, 2, 3, 4, 5, 6, and 7.

Note: it is produced in different sizes by applying the granulation charge based on the user's request.



TECHNICAL SPECIFICATIONS

| Class No. | Grain diameter (mm) | |
|-------------------|------------------------------|--|
| 1 | 2 - 4 | |
| 2 | 0.5 - 1.2 | |
| 3 | Max. 0.3 | |
| 4 | 0.5 - 1.0 | |
| 5 | 0.4 - 1.0 | |
| 6 | 0.6 - 1.0 | |
| 7 | 0.2 - 0.5 | |
| Appearance | Glossy | Uniform grains with greyish black to black colour. |
| Potassium nitrate | 75 ± 1.0 % | |
| Sulphur | 10 ± 1.0 % | |
| Charcoal | 15 ± 1.0 % | |
| Moisture | Max. 1.0 % | |
| Specific gravity | 1.3 - 1.7 gr/cm ³ | |