



# TECHNICAL DATA SHEET

## BULK ANFO

### HIGH QUALITY BULK ANFO

SMS's bulk ANFO explosive is a mixture of ammonium nitrate prills and fuel oil and suitable for dry hole blasting operations.

All the products of SMS are manufactured using an ISO9001 accredited quality process. To ensure the high quality and performance, ammonium nitrate samples are regularly taken for the lab tests, such as porosity and absorption, as well as fuel oil.

**HIGH QUALITY**

**HIGH PERFORMANCE**

**COST EFFECTIVE**

**PROFESSIONALS & EXPERTS**

### TECHNICAL SPECIFICATIONS

PRODUCT	ANFO
VELOCITY OF DETONATION (M/S)	2300-4500
DENSITY (G/CC)	0.87
OXYGEN BALANCE	+0.19
CRITICAL DIAMETER (MM)	120
FUEL OIL CONTENT (%WEIGHT)	6
AUGER RATE (KG/S)	200-300
BRISANCE (MM)	30

### INITIATION

400g cast booster is required  
Double priming is necessary when the bulk ANFO charge depth exceeds 8m

### TRANSPORTATION

UN classification: Explosive Type E  
UN Number: 0241  
International Maritime Dangerous Goods: 1.1D

### STORAGE

Storage temperature above 0C, ventilation, grounding, and keeping away from other chemicals and direct sunlight is required  
When stored properly, ANFO explosive has 2 months shelf life.

### FEATURES

Ideal for using in dry holes  
Relatively safer than Nitroglycerin based explosives due to its low shock, friction, heat sensitivity  
Less noxious fume than TNT based explosives  
Cost-effective

### CONTACT

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