SIBIRIT-PM ™

SIBIRIT-PM ™ is a packaged emulsion detonator-sensitive explosive of high strength.

TECHNICAL PROPERTIES

Product	SIBIRIT-PM ™
Density, kg/m³	1150 - 1200
Velocity of Detonation, m/s	5200-5800
Heat of explosion, kJ/kg	3300
Oxygen balance	- 1.2
Gas volume, l/kg	940
CO_2, l/kg	12.8
Water resistance	excellent

APPLICATION

SIBIRIT-PM ™ cartridges consist of polymeric film filled with emulsion explosive and come in various diameters to suit boreholes of different width.

SIBIRIT-PM ™ can be used as booster to initiate all types of borehole charges or itself as a charge in boreholes of different diameters in surface mining and underground mines with no danger of combustible gas or explosive coal dust.

PACKAGING
Typical sizes:

Diameter, mm	32	50		60	
Nominal Length, mm	240	177	354	154	300
Nominal mass, g	250	400	800	500	1000
Nominal count per case	100	60	30	50	25
Box content, kg	25	24	24	25	25

KEY BENEFITS

SIBIRIT-PM ™ – is totally water resistant and can be used in boreholes with any water content and sulphide containing rocks and ores.

Excellent explosive properties of SIBIRIT-PM ™ ensure full detonation of the main borehole charge while entail significantly reduced volume of harmful post-blast fumes.

SIBIRIT-PM ™ doesn't contain any toxic components.

RECOMMENDATIONS FOR USE

SIBIRIT-PM ™ application temperature conditions range from -50 up to +50.

SIBIRIT-PM ™ cartridges can be initiated by any system of electric, non-electric or electronic initiation.

In cases where SIBIRIT-PM ™ is used as main charge in boreholes of big diameter the polymeric film can be cut for full-face charging.

SIBIRIT-PM ™ maintains detonation performance after two weeks of immersion

STORAGE AND HANDLING

Product Classification SIBIRIT-PM ™:
Trade Mark: «NITRO SIBIR» AO,
EUTM 006345466, 006345623

Proper shipping name: Explosive, Blasting

UN No: 0241

Classification: 1.1D

EU-type certificate number: XB 001756 001

Store SIBIRIT-PM ™ in cases in the manner designated on the packaging.

Maximum storage life - 12 months.

SAFETY

SIBIRIT-PM ™
is not suitable for mines with danger of combustible gas or explosive coal dust.