

## **SIBIRIT- 1200™**

**COMMERCIAL EMULSION EXPLOSIVE. IT IS INTENDED FOR MECHANIZED BLASTHOLE CHARGING IN SURFACE BLASTING OPERATIONS AND FOR BLASTING THE ROCK MASS OF ANY HARDNESS AND WITH ANY DEGREE OF WATER PRESENCE, INCLUDING THE ROCKS AND ORES CONTAINING SULFIDES.**

## **SIBIRIT-700™**

**HIGH ENERGY COMMERCIAL EMULSION EXPLOSIVE. IT IS INTENDED FOR MECHANIZED BLASTHOLE CHARGING IN UNDERGROUND CONDITIONS (NON-HAZARDOUS BOTH GAS AND DUST) AND FOR BLASTING THE ROCK MASS OF ANY HARDNESS AND WITH ANY DEGREE OF WATER PRESENCE.**

## **‘NITRO SIBIR’ AO**

**WE OFFER ADVANCED TECHNOLOGIES TAILORED TO ANY CUSTOMERS REQUIREMENTS**

## **PACKAGED EXPLOSIVES**

- available in booster-sensitive or detonator-sensitive versions
- water resistant
- diameters (mm)  
32, 50, 60, 90, 120

# TECHNICAL SPECIFICATIONS

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## PROPERTIES

**SIBIRIT-1200™**

**SIBIRIT-700™**

Density, kg/dm<sup>3</sup>

0,8 - 1,25

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Minimum blasthole diameter, mm

70

40

Maximum blasthole depth, m

65

60

Typical VOD, m/s (steel pipe 55/40 mm)

4900 - 5200

4700 - 5200

SOME INFO

The heat of explosion, MJ/kg (kcal/kg)

2,58 (617)

3,098 (740)

Specific volume of explosive gases, L/kg

1047

910

Application temperature range

min -40° max +50°

min +10° max +30°

Guaranty sleep time

7 - 10 days

7 days

Analogue

Fortis Advantage, Centra Gold,  
Blendex, Norab Bernhard, Riomex,  
Kemiitti

Sivec Control, Subtek, Riomex,  
Kemiitti

**SIBIRIT™ HAS BEEN  
DESIGNED AS 100%  
EMULSION EXPLOSIVE WITH  
POSSIBILITY OF FULL  
CHARGING PROCESS  
MECHANIZATION AND  
ENERGY CHARACTERISTICS  
REGULATION**

**'NITRO SIBIR' AO HAS DEVELOPED IT'S OWN SYSTEM FOR CONTROLLING COMPONENTS DOSING, CHARGING EXPLOSIVES INTO THE BOREHOLE AND CONTROLLING THE LOWERING/RAISING OF THE CHARGING HOSE.**



**THE CHARGING SYSTEM MAKES IT POSSIBLE TO OPTIMALLY DISTRIBUTE THE ENERGY OF THE EXPLOSION NOT ONLY IN ONE BOREHOLE, BUT ALSO IN THE WHOLE EXPLOSIVE BLOCK.**

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**FLEXIBLE DENSITY CONTROL SYSTEM ALLOWS YOU TO INCREASE/DECREASE THE CHARGE ENERGY IN THE BOREHOLE WITHOUT CHANGING IT'S LENGTH, AND ALSO CHANGE THE CHARGE DENSITY DIRECTLY DURING CHARGING, SETTING THE DEPTH OF DENSITY SWITCHING ON THE CONTROL PANEL.**

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