

TECHNICAL DATA SHEET

NewMITE™ Plus



Description

NewMITE™ Plus is Water-in-Oil (W/O) type emulsion explosive sensitized with Glass Micro Balloon (GMB). NewMITE™ Plus has firm consistency which allows for easy handling and loading.

Features & Benefits



NewMITE™ Plus is available in two packaging types, paper cartridge or film depending on the customer's preference and use. In particular, the paper cartridge packed NewMITE™ Plus is easy to load horizontally as it has the same compound phase as dynamite.

NewMITE™ Plus minimizes blasting fumes such as CO and NOx. It also has excellent water-resistance as the cartridge paper or film has specialized oil coating added for the products to be used in wet holes.

NewMITE™ Plus has excellent water resistance, low-temperature resistance and high safety profile. It can easily be used in both underground and open-pit blasting. NewMITE™ Plus is applicable for soft rocks to hard rocks.

Hazard classification

Authorized name	NewMITE™ Plus
UN No. (Class / Division):	0241
Classification	1.1D
Proper Shipping Name	EXPLOSIVE BLASTING, TYPE E

Technical Data

NewMITE™ Plus	
Velocity of Detonation [VOD] (m/s) ^[A]	5,800
Density (g/cc)	1.2
Relative Weight Strength (%) ^[B]	92
Relative Bulk Strength (%) ^[B]	134
Water Resistance	Excellent
Minimum Usage Temperature	Down to -20°C
Shelf Life	1 year

[A]: Confined @ 36 mm diameter

[B]: ANFO = 100% @ 0.8 g/cc, calculations with 100 MPa

Packaging

NewMITE™ Plus					
Packaging	Film				
Diameter (mm)	35	55	65	75	90
Length (mm)	260	400	520	400	360
Weight (g/each)	280	1,050	2,000	2,000	2,500
Box size (mm)	385x305 x325	445x365 x230	560x350 x135	445x335 x235	405x485 x190
Quantity (each/box)	90	24	10	12	10
Net Explosive Weight (kg/box)	25.2	25.2	20	24	25

* The error range of weight/cartridge in the table above is -3 to +5%

Safety

When using NewMITE™ Plus avoid contact with eyes or skin and wash hands thoroughly after handling. Keep NewMITE™ Plus away from sources of heat, sparks, flame or hot surfaces and avoid mixing with combustibles or incompatible materials.

Storage

All explosives are classified as Dangerous Goods and must be stored and secured in accordance with relevant local and national regulations.

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