

# TECHNICAL DATA SHEET



## MegaMEX™ – High Performance Emulsion Explosives

### Description

MegaMEX™ is a Water in Oil (W/O) type emulsion explosive designed to achieve higher explosion energy than standard emulsion explosive products.



### Features & Benefits

MegaMEX™, designed to deliver power equivalent to that of dynamite explosives, produces excellent blasting results with hard rocks as well as achieving high performance in cut hole and bottom hole blasting. It has improved post-blast fume control, as well as having good resistance to heat, impact and friction.

### Technical Data

	MegaMEX™
<b>Velocity of Detonation [VOD]</b> (m/s) <sup>[A]</sup>	5,500
<b>Density</b> (g/cc)	1.2
<b>Relative Weight Strength (%)</b> <sup>[B]</sup>	130
<b>Relative Bulk Strength (%)</b> <sup>[B]</sup>	190
<b>Water Resistance</b>	High
<b>Low Temperature Resistance</b>	Down to -20°C
<b>Shelf Life</b>	1 year

[A]: Confined @ 36mm diameter

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

### Packaging

	MegaMEX™		
Packaging	Paper Cartridge		
<b>Diameter</b> (mm)	28	32	50
<b>Box size</b> (mm)	410*335*200	440*340*175	445*270*195
<b>Length</b> (mm)	180	420	420
<b>Weight</b> (g/each)	125	400	1,000
<b>Quantity</b> (each/box)	160	50	20
<b>Net Explosive Weight</b> (kg/box)	20	20	20

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

### Hazard classification

<b>Authorised Name</b>	MegaMEX™
<b>UN No.</b>	0241
<b>Classification</b>	1.1D
<b>Proper Shipping Name</b>	EXPLOSIVE BLASTING, TYPE E

### Safety

When using MegaMEX™, avoid contact with eyes or skin and wash hands thoroughly after handling. Keep MegaMEX™ 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.

MegaMEX™

Revised on : April 10<sup>th</sup>, 2020 (Ver 1.1)  
[www.hanwhacorp.co.kr/eng/explosives](http://www.hanwhacorp.co.kr/eng/explosives)

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Revised on : April 10<sup>th</sup>, 2020 (Ver 1.1)  
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