



EMULINIT PM

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EMULSION EXPLOSIVE
WATER-RESISTANT SPECIAL METHANE
FOR MECHANICAL LOADING

Application:

Emulinit PM is recommended to be used in underground mines and open pit mines as a special methane explosive. Emulinit PM can be used where a coal dust and/or methane explosion hazard exists. Emulinit PM can be loaded into dry and wet blasting holes. It can be used for mechanical loading and can be divided in two.

Properties:

Parameters	EMULINIT PM
Oxygen balance [%]	-3,15
Heat of explosion [kJ/kg]	1 983
Concentration of energy [kJ/dm ³]	2 379
Volume of post-blasting gases [dm ³ /kg]	740
Specific energy [kJ/kg]	469
Consistence	plastic
Density [g/cm ³]	1,15-1,30
RWS [%Hx], minimum	39
Detonation speed, minimum[m/s] *	4 000
Detonation speed [m/s] (plastic Ø 32 mm)	> 4 600

*Detonation speed can depend on blasting work conditions.

Packaging:

Emulinit PM is manufactured as cartridges in minimum Ø 32 in PE foil. Cartridges are packed directly into cardboard boxes which are sealed with an adhesive tape or polypropylene tape. Boxes are stacked on pallets and stretch wrapped or PP mesh wrapped.

Storage conditions:

Storage temperature: From 0°C to 30°C.

The warranty period is 6 months of the date of manufacture.

Conditions of use:

Application temperature: From -10°C to 50°C

From 50°C to 60°C (the explosive dwell time in the blast hole ≤5hrs)

Approvals and classification:

	EMULINIT PM
CE Certificate (Central Mining Institute):	No 1453.EXP.08.0157
Classification certificate:	No 010/IPO-BW/2009
Proper shipping name:	Explosive, blasting
Type:	E
UN number:	0241
Class:	1
Classification code:	1.1 D