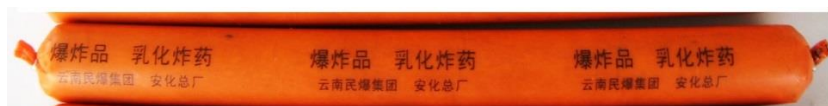


Technical Data Sheet

Part one: Chemical Name



Trade Name: NO.:1 ROCK EMULSION EXPLOSIVE		Corporation Name: Yunnan Anning Chemical Industry Co., Ltd.			
UN Number: 0241		Address: SUBDISTRICT OFFICE, TAIPING NEW CITY, ANNING, KUNMING, YUNNAN PROVINCE CODE: 650301			
Hazard Code: 1.1D		Fax Number: 0871-68614835			
Shelf Life: 12 months		Enterprise emergency Telephone: 087-68614836			
Item	Cartridge size	Diameter(mm)	Length (mm)	Weight (gram)	Roll / Box
1	Ø32mm – 200g	32	216	200	120
2	Ø32mm – 300g	32	325	300	80
3	Ø45mm – 800g	45	480	800	30
4	Ø60mm – 1000g	60	313	100	24

Part two: Product Profile

Material Description: The measured complex oil and water phase are pumped to a static mixer emulsification, and then a good foaming agent is added to carry out static sensitization. The sensitized emulsion is pumped to the loading machine and packing.

Purpose: No.1 Rock Emulsion Explosive is a kind of emulsion preparation technology of oil water emulsion adhesive type water resistant industrial explosives which has good water resistance and good explosion performance. This product is suitable for no gas and dust explosion dangerous blasting and blasting engineering in general water working.

Part three: Component Information

No.1 Rock Emulsion Explosive is a wet mixture. The composition is as follows:

Component Name / component content					
Ammonium	Sodium Nitrate	Water	Compounded Oil Phase	Emulsion Agent	Blowing Agent (sodium Nitrite, Blowing agent A and blowing agent B)
8.0%	75.0%	10.5%	4.2%	2.3%	0.3%

Part four: Performance index of Emulsion Explosive

Project	No.1 Rock Emulsion Explosive index requirements
Cartridge density (g/cm ³)	0.95 ~ 1.30
Explosive density (g/cm ³)	1.00 ~ 1.30
Velocity (m/s)	4,500
Brisance (mm)	16
Distance of Explosion by influence (cm)	4
Trauzl test (ml)	320
Impact sensibility	Detonating rate less than 8%
Friction sensibility	Detonating rate less than 8%
Heat sensitivity	No burning or exploding
Poisonous gas content after explosion (L/kg)	≤ 80
Period of validity (m)	12