High energy emulsion blends

INNOVEX™ 206 and INNOVEX™ 207 (HEF 206 and HEF 207)

Emulsion blended with ammonium nitrate prill for dry holes

PRODUCT DESCRIPTION

INNOVEX™ 206 and INNOVEX™ 207 are high-energy blended emulsions containing 60% and 70% emulsion blended with ammonium nitrate prill. These products are formulated for surface mining and quarrying in both wet and dry hole application. They perform best in holes larger than 127 mm in diameter. INNOVEX™ 206 and INNOVEX™ 207 are transported and stored as bulk product. They are blended and sensitised in our explosives trucks on-site during application. BME is able to formulate any ratio of emulsion to prill to provide the energy and VOD to match your rock and blasting requirement. For more information, consult a BME Product Manager.

Product	Relative weight strength	Relative bulk strength
INNOVEX™ 206	93	140
INNOVEX™ 207	83	125

Calculated at a density of 1.2 g/cm^3 and a pressure of 100 mPa. Relative to ANFO at a density of 0.8 g/cm^3.

PRODUCT FEATURES

APPLICATION

INNOVEX™ 206 and INNOVEX™ 207 are suitable for use in surface mining and quarrying.

FEATURES

- Viscosity – 25 000-35 000 cP
- Density when sensitised – 1.15 g/cm^3 dependent on hole depth
- VOD – 3500-5000 m/s dependent on hole and rock characteristics
- Critical diameter – 120 mm
- Minimum initiation – 400 g booster

RECOMMENDATIONS

- Ground temperature – recommended for use in temperatures up to 60 ºC
- Sleep time – 21 days in hole
- First Aid – refer to Material Data Sheet for first aid information
- Safety – all explosives are classified as dangerous goods and can cause damage to property, personal harm or death if not used correctly
- Transportation and storage – all explosives must be transported and stored in accordance with relevant regulations

PACKAGING

- Bulk distribution

PRODUCT RISK PROFILE

- Classified as hazardous substance, dangerous goods with mass explosion hazard
- Stable under normal storage conditions
- INNOVEX™ 206 and INNOVEX™ 207 is non-detonable in non-sensitised, unconfined bulk form
- Detonation can occur from extreme friction or excessive heating after sensitisation or under confinement
- DO NOT ATTEMPT TO FIGHT AN EXPLOSIVES FIRE

UN CLASSIFICATION (TRANSPORT)

- Class 1.1 D, UN No. 0241, EXPLOSIVE, BLASTING, TYPE E