

PGAN

Porous Granular
Ammonium Nitrate



PRODUCT DESCRIPTION

Porous Granular Ammonium Nitrate (PGAN) is mainly designed for ANFO, heavy ANFO and emulsion applications. Bulk density of PGAN granules is in the range 0.76 – 0.80 g/cm³. In application, PGAN will offer high quality, reliable and consistent blasting results.

PRODUCT FEATURES

APPLICATION

- ANFO
- Heavy ANFO
- Emulsions

FEATURES

- Ammonium nitrate content – >99.5%
- Bulk density – 0.76 – 0.80 g/cm³
- Moisture content – < 0.20%
- Oil absorption – > 6.0%
- Particle size (1 mm-3 mm)* – >95%

*Granule size may change due to handling process.

RECOMMENDATIONS

- Shelf life – 12 months when stored under correct conditions
- Always store Porous Granular Ammonium Nitrate (PGAN) in dry areas. PGAN granules can degenerate due to moisture, humidity, significant temperature variations and pressure conditions, leading to caking or can form lumps
- First aid – refer to Safety Data Sheet for first aid information
- Safety – PGAN granules can break down due to moisture, humidity, huge temperature variations and pressure conditions. PGAN is an oxidiser and must be stored under dry and protected conditions, away from any combustible material
- Transportation and storage – Oxidiser (PGAN) must be transported and stored in accordance with relevant regulations

PACKAGING

- PGAN is transported and stored in the following formats, depending on user application: Bulk; semi-bulk bags; 25 kg and 50 kg bags

PRODUCT RISK PROFILE

- Classified as hazardous substance, Division 5.1: oxidizing substances
- Non-detonable in the unfueled, unconfined bulk form
- Fire risk in the presence of combustible material
- DO NOT ATTEMPT TO FIGHT AN EXPLOSIVES FIRE

UN CLASSIFICATION (TRANSPORT)

- Class 5.1, UN no. 1942, Oxidiser

