



Manufacture's name and postal address:
 Uralchem, OJSC
 75, Churtanskoe shosse, Berezniki,
 Perm krai, Russia, 618401
 phone: +7 (3424)26-55-12, fax: +7 (3424)26-48-72
 e-mail: azot@azot.berezniki.ru

Porous Prilled Ammonium Nitrate (Modified)

TU 2143-029-00203795-2005

Properties	
Purity (NH ₄ NO ₃) on dry basis, %, min	98
Moisture content, %, max	0.5
pH (10% solution), min	4.5
Coating agents, %, max	0.15
Mass concentration of inflating agents in terms of MgO, %, max	0.6
Oil absorption, %, min	10
Oil retention, %, min	5.5
Bulk density, g/sm ³	0.77-0.84
Granule static strength, kg/granule, min	0.4
*Particle size: 1-3 mm, % min Less than 1 mm and more than 3 mm, %, max	90 10
Friability, %	100
VOD of an open charge, km/s, diameter 240 mm Critical diameter of an open charge, mm for "Granulit PS" TU 7278-004-17131060-2008	4.0...4.5 60

Application:

- As a raw material/oxidizer for blasting agents, which are used in mining, oil, gas and other industries
- As a base component for ANFO production (ammonium nitrate/fuel oil). Optimum blasting performance in drill holes of min. 127 mm diameter

Classification:

- Classification Code: 5.1 (Oxidizing Agent)
- UN No: 1942

ANFO advantages based on PPAN by AZOT, OSC:

- Perfect oxygen balance provides minimum toxic fumes
- Safety operation
- On site production

Packing:

- 50 kg polypropylene/polyethylene bags
- FIBCs of 500 and 1000 kg net weight

Guaranteed shelf life: 6 months

*The prill size diameter between 2-3 mm could be reached up to 75% upon buyer's request.