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Ammonium nitrate porous prilled (PPAN)

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APPLICATION:

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

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CLASSIFICATION:

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

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ANFO advantages based on PPAN by URALCHEM, JSC:

Perfect oxygen balance provides minimum toxic fumes;
safety operation;
on site production.

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PACKAGE:

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

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Guaranteed shelf life: 6 months.

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Quality characteristics

Reagent grade

Purity (NH ₄ NO ₃) on dry basis, min.	98%
Moisture content, max.	0.5%
pH (10% solution), min.	4.5
Mass concentration of organic additive, max.	0.15%
Mass concentration of inflating agents in terms of MgO, max.	0.6%
Granule static strength, min.	0.3 kg/granule
Oil absorption, min.	10%
Oil retention, min.	5.5%
Bulk density	0.72–0.80 g/cm ³
Particle size (mm):	
1-3 mm, min.	90%
less than 1 mm and more than 3, max.	10%
Friability	100%

