

AUTOMOTIVE GRADE PRILLED UREA

Used as a feedstock for liquid chemical agent reducing NOx concentration in diesel exhaust emissions.

CHEMICAL COMPOSITION

Mass fraction of nitrogen (N) on dry basis, min	46.2%
Mass fraction of free ammonia (NH ₃), max	0.05%
Mass fraction of biuret, max	0.9%

Mass concentration:

– Formaldehyde, max	15 mg/kg
– Admixtures insoluble in water, max	50 mg/kg
– Phosphates, max	1.5 mg/kg
– Calcium, max	1.5 mg/kg
– Iron, max	1.5 mg/kg
– Copper, max	0.6 mg/kg
– Zinc, max	0.6 mg/kg
– Chrome, max	0.6 mg/kg
– Nickel, max	0.6 mg/kg
– Magnesium, max	1.5 mg/kg
– Sodium, max	1.5 mg/kg
– Aluminium, ma	1.5 mg/kg
– Potassium, max	1.5 mg/kg

Mass fraction of water (Fischer method), max	0.6 %
----------------------------------------------	-------

PHYSICAL PROPERTIES

Granule size:

– less than 1 mm, max	3%
– 1–4, min	90%

PACKAGING, TRANSPORTATION AND STORAGE

Shipped packed in big bags; 800 kg or 1 Tonne (preferred).

Stored in big bags indoors in closed well-ventilated warehouses to protect it from weather exposure.

Big bags must be transported and stored in no more than two layers.

08/03/22