POLESTAR

نجم القطب

Polestar Worldwide General Trading LLC

AdBlue Prilled Urea/Automotive Prilled Urea

AdBlue grade urea is a high-purity urea solution in deionized water used in diesel engines with selective catalytic reduction (SCR) technology to reduce nitrogen oxide (NOx) emissions. When AdBlue is injected into the exhaust stream of a diesel engine, it reacts with the NOx emissions, converting them into harmless nitrogen and water vapor. AdBlue grade urea has become increasingly important in meeting emissions regulations for diesel vehicles. The following are the Typical technical properties of AdBlue grade urea exported by Polestar Worldwide General Trading LLC.

Parameters	Specifications
Mass fraction of nitrogen (N) on a dry basis	46.27 %
Mass fraction of free ammonia (NH_3) (Alkalinity)	0.009%
Mass fraction of biuret	0.90% MAX
Mass concentration	
Formaldehyde	0.00 %
Phosphates	0.09 ppm
Calcium	0.56 ppm
Iron	0.06 ppm
Copper,	0.01 ppm
Zinc,	0.01 ppm
Chrome,	0.24 ppm
Nickel,	0.15 ppm
Magnesium,	0.06 ppm
Sodium,	0.19 ppm
Aluminium,	0.07 ppm
Potassium,	0.1 ppm
Mass fraction of water (Fischer method),	0.21%
Appearance	White& free flowing
Granulometry	
0.85 mm-2.84 mm	99.60 %
Insoluble Matter	30 ppm

Packaging

50 kg bags, 1-ton jumbo bags, Jumbo bags on Pallets, Break Bulk, or Loose Bulk.

+971 04 513 5655
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www.polestarworldwide.ae
P O Box Number : 13866
export@polestarworldwide.ae
inquiry@polestarworldwide.ae

Storage & Handling

1) Prevent moisture absorption, keep away from heat, and ensure good ventilation.
2) Avoid contact with acids and alkaline substances and protect yourself from dust.
3) Ensure bags are sealed and in good condition.

Synonyms

Prilled UREA Ad-Blue, Prilled Urea automotive-grade, Urea Ad-Blue, Urea automotive-grade for Ad-Blue

COMMENTS

Typical chemical and physical properties do not constitute product specifications and are not guaranteed or warranted. These properties are provided for informational purposes only.

PLEASE OBTAIN A PRODUCT SAFETY DATA SHEET FOR MORE INFORMATION.

The Safety Data Sheet ("SDS") for this product contains essential environmental, health, and safety information regarding this product, including information concerning the handling and storage of this product. The most current version of the SDS for this product can be obtained by contacting a representative of Polestar Worldwide General Trading LLC.

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