

UREA (N46.5)

Product specification	Monomark standard
1. Appearance	White prilled granules
2. Total amount of nitrogen (N), mass % Amount of nitrogen in the form of urea nitrogen, % by mass Nitrogen content from urea formaldehyde, % by mass	46.5 ± 2.0 46.5 ± 2.0 0.04 ± 0.01
3. Biuret (C ₂ H ₅ N ₃ O ₂), g/kg	≤ 12
4. Moisture, % by mass (drying method)	≤ 0.3
5. Friability, %	100
6. Granulometry: Part of prilled granules from 2 mm to 5 mm, not less than Through a sieve with a mesh size of 2 mm, the percentage of the mass of the falling product, not more than Through a sieve with a mesh size of 6 mm, the percentage of the mass of the falling product is not less than	93 5 100
7. Average prilled granule size, mm, min	2.3
8. Static granule strength, N/granule (kgf/granule), min	7 (0.7)
9. Mass fraction of free ammonia, %, max	Not normalized
NOTE: Urea is produced with conditioning additives that ensure its flowability during transport and storage for the guaranteed shelf life. At the consumer's request, conditioning additives may be omitted. Uncoated urea may not be placed on the market and used as a fertilizer product in the EU.	