



## Urea

### UREA 46% PRILLED

Urea is produced from ammonia and carbon dioxide. With a nitrogen content of 46%, urea offers the highest concentration of N nutrient of all nitrogen fertilizer. The nitrogen exists in the carbamide form. Within a few days, through transformation processes in the soil, the nitrogen is first converted into ammonium, and later into nitrate. Urea is a highly efficient general-purpose fertilizer used in agriculture for ground treatment, top-dressing in early spring and in vegetation period, used for all soil types for any crop plants.

MasterCom UK has well established supply through the Group Holdings dealings since 2008 so have an array of knowledge and expertise in the fertilizer sector.

## Specification

<b>SPECIFICATION</b>	urea 46% by weight min
<b>PRILLED</b>	90-94% min
<b>NITROGEN</b>	46% by weight min
<b>MOISTURE</b>	0.5% max fisper
<b>BIURET</b>	1% max by weight
<b>FREE AMMONIA</b>	160 pxt, ppm max
<b>PRILL</b>	95% max
<b>GRANULATION</b>	1mm to 4mm, 90% min. (by weight)
<b>MELTING POINT</b>	132 degrees celsius
<b>STATIC RESISTANCE</b>	0.7%
<b>COLOUR</b>	pure white
<b>RADIATION</b>	certified fully non-radioactive
<b>FREE FLOWING</b>	100% anti caking treated
<b>HAZARDOUS INGREDIENTS</b>	none according to controlled / product regulations
<b>PHYSICAL</b>	non-clotted 100% free harmful substances internationally accepted standard urea 46% prilled free floating, treated with anti-caking treatment free from impurities, sand, dust and certified non-radioactive physical state solid @ 20 can 101 kps, white granules specific grvity solid @ 20 degrees centigards vapour density not applicable floatability/water sinks and mixes molecular weight 50.065