

2. Specification of producible products, feedstock, materials and semi – finished products.

2.1 Technical name of product – carbamide granulated TDS – 2081- 92

2.2 Trademarks and specifications to the marketable products

Due to application, two trademarks are produced Carbamide A and Carbomide B.

Trademark A is for industry.

Trademark B is for plant cultivation and agriculture

No.	Name of index	Normative for trademarks				
		A		B		
		Premium grade	1 <sup>st</sup> grade	Premium grade	1 <sup>st</sup> grade	2 <sup>nd</sup> grade
1	Mass fraction of nitrogen in terms of dry substance, %, no less	46.3	46.2	46.2	46.2	46.2
2	Mass fraction of biuret, %, no less	0.6	1.4	1.4	1.4	1.4
3	Mass fraction of free ammonium, % no less for carbamide: -crystalline - crystalized	0.01 0.02	0.01 0.03	- -	- -	- -
4	Mass fraction of water, %, no less -drying -Fisher's method	0.3 0.6	0.3 0.6	0.3 0.5	0.3 0.5	0.3 0.6
5	Friability, %	-	-	100	100	100
6	Granularity, % Mass fraction of granules, mm sized: -from 1to 4, no less -from 2to 4, no less - less than 1, no more -residue on screen 6 mm, no more	- - - -	- - - -	94 70 3 absent	94 50 5 absent	94 - 5 Absent
7	Static capacity of granules kgf/granule, no less	-	-	0.7	0.5	0.3

Remarks:

1. Mass fraction of water is determined by one method only.
2. The customer defines friability.
3. Treatment of carbamide by conditioning additives (carbamide formaldehyde resin, ammonium sulfate or allowable ones) is allowed.