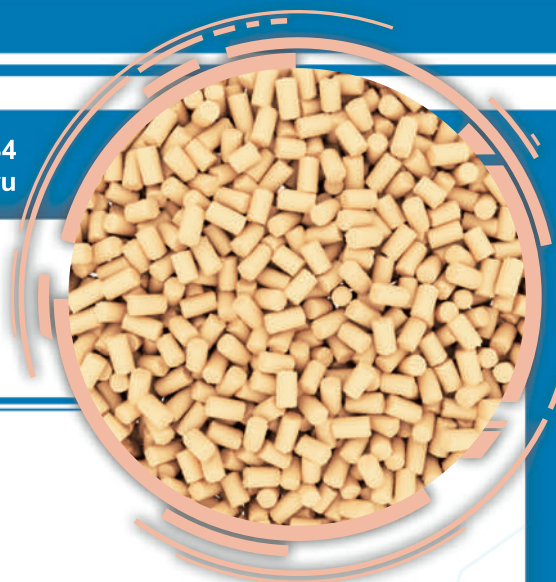


Molecular Sieve 13X

Formula $\text{Na}_2\text{O} \times \text{Al}_2\text{O}_3 \times 2,5\text{SiO}_2 \times \text{H}_2\text{O}$



Principal applications:

- purification of air and nitrogen from hydrocarbons, oxides and oils;
- purification of natural and associated petroleum gas from water, sulfur compounds and mercaptans;
- removal of radionuclides from liquid waste from nuclear power units;
- drying and purification of hydrogen-containing gas.
- etc.

Manufactured according to Technical Specifications 38.10281-88.

Parameters	Brand A		Brand T		Brand Q	
	Standards acc. to TS	Actual parameters	Standards acc. to TS	Actual parameters	Standards acc. to TS	Actual parameters
Appearance	Extrudate		Tri-lobe		Quadri-lobe	
Bulk density, g/cm ³	0,6 ≤	0,6±0,8	0,6 ≤	0,6±0,8	0,6 ≤	0,6±0,8
Granules size, mm	4,5±0,5 3,6±0,4 2,9±0,3 2,4±0,2 2,0±0,2 1,6±0,2		4,5±0,5 3,6±0,4 2,9±0,3 2,4±0,2 2,0±0,2 1,6±0,2		4,5±0,5 3,6±0,4 2,9±0,3 2,4±0,2 2,0±0,2 1,6±0,2	
Crushing strength, kg/mm ²	1,0 ≤	1,1±2,0	1,0 ≤	1,1±2,0	1,0 ≤	1,1±2,0
Dynamic water capacity, mg/cm ³ For granules, mm						
Ø 4,5±0,5	115 ≤	115±130	130 ≤	130±140	132 ≤	132±142
Ø 3,6±0,4	120 ≤	120±135	135 ≤	135±150	137 ≤	137±152
Ø 2,9±0,3	125 ≤	125±145	145 ≤	145±155	147 ≤	150±165
Ø 2,4±0,2	130 ≤	130±150	147 ≤	147±157	149 ≤	149±164
Ø 2,0±0,2	135 ≤	135±160	148 ≤	148±163	150 ≤	150±165
Ø 1,6±0,2	140 ≤	140±170	150 ≤	150±165	152 ≤	152±167
Dynamic Benzole capacity, mg/cm ³ For granules, mm						
Ø 4,5±0,5	53 ≤	53±59	55 ≤	55±65	57 ≤	57±67
Ø 3,6±0,4	66 ≤	66±70	68 ≤	68±72	70 ≤	70±75
Ø 2,9±0,3	67 ≤	67±71	69 ≤	69±73	71 ≤	71±76
Ø 2,4±0,2	68 ≤	68±73	70 ≤	70±75	72 ≤	72±77
Ø 2,0±0,2	69 ≤	69±75	71 ≤	71±77	73 ≤	73±78
Ø 1,6±0,2	80 ≤	80±85	81 ≤	81±87	82 ≤	82±88
Mass fraction of water resistance, %	99,0 ≤	99,0 – 99,9	99,0 ≤	99,0 – 99,9	99,0 ≤	99,0 – 99,9
Ignition loss, %	Not more than 5					

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