

## Catalyst АОК-75-41

Alumina manganese oxide catalyst ensures high activity in complete oxidation of carbon monoxide (CO) and volatile organic compounds (VOC). Intended for emission treatment in wood and chemical industries. The catalyst is applied at small-scale regenerative catalytic oxidizers (RCO) and regenerative thermal oxidizers (RTO).

### Specification:

№	Parameter	Standard value	
		A	B
1.	Appearance:		
	- Color	Brown with different shades	
	- Shape	spheres	
2.	Pellet size: diameter, mm	2.5-3.5	3.0-5.0
3.	PSD:		
	- target fraction, wt %, min	90	90
4.	Bulk density, g/cm <sup>3</sup>	1.00±0.15	1.0±0.2
5.	Crushing strength to side wall pressure, MPa, min	5	3
6.	Mechanical durability at forced attrition: mass fraction of dust of catalyst after 240 minutes attrition, % max	0.3	–
7.	Mass fraction of main components, %:		
	- manganese oxide (III), min	10	10
	- alumina	balance	balance