

Catalyst

АОК-78-55

Alumina vanadium catalyst for the purification of tail and exhaust gases by the selective catalytic reduction of NO_x by ammonia. Applied in nitric acid production (fertilizer manufacturing).

Specification:

№	Parameter	Standard value			
		АОК-78-55	АОК-78-55М	АОК-78-55К	АОК-78-55КМ
1.	Appearance:				
	- Shape		Cylinder		Ring
	- Color		Yellow and yellow-greenish		
2.	Pellet size, mm:				
	- Length	<18	<18	-	-
		-	-	5 - 10	5 - 10
	- Diameter	5±1	5±1	-	-
	- Inner diameter	-	-	>2	>2
	- Outer diameter	-	-	6.5 – 8.5	6.5 – 8.5
3.	Mass fraction of deformed and broken granules with a size less than		<0.8		<1.2
4.	Bulk density, g/cm ³			0.7 – 0.9	
5.	Mechanical strength: loss on attrition, %			<2.0	