

Catalyst ICT-32-1

Catalyst for methyl mercaptan synthesis from dimethyl sulfide and hydrogen sulfide.
Shared use with ICT-31-1 catalyst for methionine chemical synthesis.

Specification:

№	Parameter	Standard value	
		Grade B	Grade V
1.	Appearance: - Color - Shape	White, cream and pink shades are allowed Spheres	
2.	PSD: mass content of particles with diameter, %: - 4.0-6.3 mm - 2.5-3.5 mm	>92 –	– >92
3.	Bulk density, g/cm ³	<0.80	<0.80
4.	Surface area, m ² /g: - within the range - maximum	250±50 –	– 350
5.	Crushing strength under static conditions, average, MPa	>5	>5
6.	Specific total pore volume (moisture capacity), cm ³ /g	>0.5	>0.45