

## Synthetic Zeolite JLVC-1

**Synthetic Zeolite JLVC-1** is a high-performance molecular sieve with well-developed three-dimensional microporous channels, specifically designed for efficient adsorption of small-molecule VOCs. Its exceptional hydrophobicity and organophilicity make it ideal for separating VOCs from industrial exhaust gases, even in the presence of water vapor. With a unique crystal structure, JLVC-1 offers excellent thermal and hydrothermal stability, while its uniform pores ensure superior adsorption and desorption performance. As a next-generation alternative to traditional carbon materials like activated carbon, JLVC-1 is effective in adsorbing VOCs such as benzene, toluene, xylene, styrene, and various alcohols and aldehydes.

Property	Unit	Powder	Note
D50	$\mu\text{m}$	$\leq 5.00$	
Static Water Adsorption Capacity	%	$\leq 4.0$	RH75%, 25°C
N-hexane Adsorption Capacity	%	$\geq 12$	0°C, 36mmHg
Specific Surface Area	$\text{m}^2/\text{g}$	$\geq 360$	BET
Water Content	wt%	$\leq 2.0$	550°C, 1h
SiO <sub>2</sub> /Al <sub>2</sub> O <sub>3</sub> Ratio	-	$\geq 1000$	

### Recommended Application:

Removal of VOCs

### Packing:

- 500KG Super Sack
- Other packing according to your requirement.