

Synthetic Zeolite Powder Low-Silicon ZSM-5

Low-Silicon ZSM-5 Synthetic Zeolite is ZSM-5 zeolite designed with Si/Al ratio around 30, offering excellent thermal stability, anti-coking properties, and high catalytic selectivity. It is widely used in fluid catalytic cracking and deep catalytic cracking. This product provides optimal balance between acidity and stability, making it ideal for high-temperature catalytic reactions. Key advantages include high efficiency, superior selectivity, and extended lifespan, ensuring reliable performance in demanding industrial applications such as hydrocarbon conversion and isomerization.

Property	Unit	ZSM-5 (Na Type)	ZSM-5 (H Type)	Note
Relative Crystallinity	%	-	≥88.0	XRD
Na ₂ O	%	-	<0.15	
D90	μm	-	≤5.0	
SiO ₂ /Al ₂ O ₃	/	28-35	28-35	XRF
BET Surface Area	m ² /g	≥300	≥360	BET Analyzer
Bulk Density	g/ml	0.67-0.72	-	Trapped
Water Content	%wt	≤9.0	≤10.0	550°C, 1hr

Recommended Application:

- Fluid Catalytic Cracking
- Deep Catalytic Cracking

Packing:

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