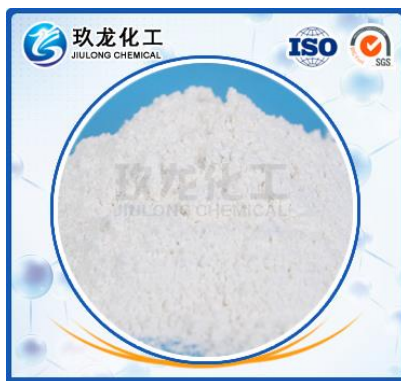


Beta-B Zeolite



The Beta zeolite produced by means of a template agent based hydrothermal crystallization method is featured with high relative crystallinity ,wherein the relative crystallinity is no less than 80%,the $\text{SiO}_2/\text{Al}_2\text{O}_3$ molar ration is no less than 25, the Na_2O is no more than 0.1%,the BET specific surface is no less than $580\text{m}^2/\text{g}$,and the average grain size is 300nm.

Beta-B Quality Control Targets

Item	Unit	Max	Typical	Max	Analytical Method
Relative crystallinity	%	28	86		X-ray diffractometer
Crystal size	nm	200	300		
Total specific surface	M^2/g	580	600		N_2 Adsorption
Microporous specific surface	M^2/g	460	480		N_2 Adsorption
Pore Volume	mL/g	0.35	0.37		N_2 Adsorption
Silica-alumina ratio	/	26	28	30	XRF
Na_2O	wt%			0.05	Flame Photometric Analysis
SO_4^{2-}	wt%			0.4	XRF
Cl	wt%			0.2	Chemical Analysis
LOI	wt%			10	Gravimetric Analysis

