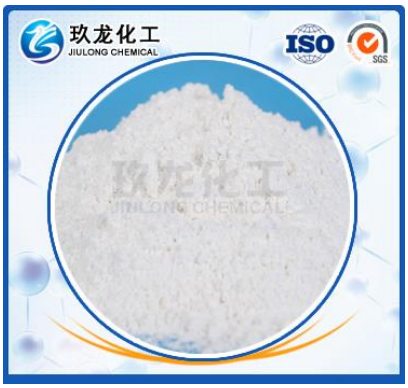
Beta-25 Zeolite



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 78%,the SiO_2/Al_2O_3 molar ratio is no less than 23,the Na_2O is no more than 0.1%,and the BET specific surface is no less than 500m²/g

Beta-25 Quality Control Targets

Item	Unit	Max	Typical	Max	Analytical Method
Relative crystallinity	%	76	80		X-ray diffractometer
Crystal size	nm	50	70		
Total specific surface	M^2/g	500	540		N_2 Adsorption
Microporous specific surface	M^2/g	430	460		N_2 Adsorption
Pore Volume	mL/g	0.30	0.32		N_2 Adsorption
Silica-alumina ratio	/	23	25	27	XRF
Na_2O	wt%			0.1	Flame Photometric Analysis
SO_4^{2-}	wt%			0.4	XRF
CI	wt%			0.2	Chemical Analysis
LOI	wt%			15	Gravimetric Analysis