

NaY Zeolite



Y-type zeolite has a relatively high crystallinity and silica-alumina ratio, wherein the relative crystallinity is no less than 88%, and the SiO₂/Al₂O₃ molar ratio is no less than 5.2.

NaY Quality Control Targets

Item	Unit	Max	Typical	Max	Analytical Method
Relative crystallinity	%	87	90		X-ray diffractometer
Total specific surface	M ² /g	680	700		N ₂ Adsorption
Pore Volume	mL/g		0.35		N ₂ Adsorption
Silica-alumina ratio	/	5.0	5.2		XRF
Na ₂ O	wt%		12.0	13.0	Flame Photometric Analysis
LOI	wt%		18	22	Gravimetric Analysis
D,50	μm		5	6	Laser Scatter Distribution