

RUSY-8 Zeolite



The content of mixed rare earth oxide RE_2O_3 is no less than 7%, the ratio between La_2O_3 and CeO_2 of the rare earth can be adjusted according to the requirement of the user. and the size of cell parameter can be adjusted according to the requirement of the user.

RUSY-8 Quality Control Targets

Item	Unit	Max	Typical	Max	Analytical Method
Relative crystallinity	%	52	57		X-ray diffractometer
Cell parameter	$\times 10^{-10}m$	24.52	24.56	24.60	X-ray diffractometer
Total specific surface	m^2/g	590	620		N_2 Adsorption
Na_2O	wt %		1.5	1.8	Flame Photometric Analysis
SO_4^{2-}	wt %		0.2	0.4	XRF
RE_2O_3	wt %	7.0		9.0	Chemical Analysis
LOI	wt %		8	10	Gravimetric Analysis
Lattice collapse temperature	$^{\circ}C$	1010			Differential scanning calorimeter
D,50	μm		5	6	Laser Scatter Distribution