



## NK-DGZ-131

### Detergent Grade Zeolite X Powder

ITEM	INDEX	
Appearance	White powder	
Anhydrous builder content	$\geq 80.0\%$	
L.O.I (800 °C, 1h)	$\leq 20.0\%$	
Magnesium exchange capacity (dry basis)	260-270 mg MgCO <sub>3</sub> /g or 128-133 mg MgO/g	
Mg exchange rate (dry basis)	$\geq 218$ mg MgCO <sub>3</sub> /g or 202 mg MgO/g (2 minutes)	
	$\geq 249$ mg MgCO <sub>3</sub> /g or 123 mg MgO/g (10 minutes)	
pH(1% In water , 25 °C)	9.5-10.5	
Bulk density	(350-400) Kg/m <sup>3</sup>	
Particle Size Distribution	Mean diameter	3.28 $\mu\text{m}$
	D10	1.06 $\mu\text{m}$
	D50	3.14 $\mu\text{m}$
	D90	5.69 $\mu\text{m}$
Degree of whiteness (W=Y)%	$\geq 98.5$	
Al <sup>3+</sup> (dry basis)%	$\geq 18.5$	