

SILIPORITE NK10 R BEADS

DAFA/DTM

REVISION 1

UPDATED ON SEPTEMBER 2003

DESCRIPTION

SILIPORITE® NK10 R is a synthetic zeolite type A crystalline structure in sodium form, having an effective pore opening of 4 angströms.



SPECIFICATIONS		VALUES		TEST CONTROL
BEAD STANDARD GRAIN SIZE		4 mm	2 mm	
PARTICLE SIZE DISTRIBUTION				
ABOVE	(% weight)	1.6 mm	92 min	009
		2.5 mm	15 max	009
		5 mm	3 max	009
CRUSHING STRENGTH	(kg)	10 minimum	5 min	007
LOSS ON IGNITION (1 hour at 950°C)	(% weight)	1.8 max	1.8 max	001
WATER ADSORPTION CAPACITY AT 25°C				
- at 10% Relative Humidity (2.375 mm Hg)	(% weight)	18 min	18 min	002A

TYPICAL PROPERTIES		VALUES		TEST CONTROL
BULK DENSITY		0.77 - 0.83	0.80 - 0.85	006
ATTRITION DRY	(% weight)	1 - 5	0.2 - 0.6	011
ATTRITION WET	(% weight)	4 - 6	2 - 5	011
WATER ADSORPTION CAPACITY AT 25°C				
- at 50% Relative Humidity (11.88 mm Hg)	(% weight)	21 - 23	21 - 23	002A

APPLICATIONS	STANDARD PACKAGING
<p>SILIPORITE® NK 10 R beads can be used as desiccant :</p> <ul style="list-style-type: none"> ➤ AUTOMOTIVE: <ul style="list-style-type: none"> ✘ Refrigeration / Air-conditioning system ✘ Air Brake Systems 	<p>SILIPORITE® NK 10 R beads are delivered in waterproof drums and boxes or in big bag :</p> <ul style="list-style-type: none"> ➤ Metallic drum Net Weight : 150 kg ➤ Fiber Drum Net Weight : 60 kg ➤ Big Bag Net Weight : 1000 kg