

SILIPORITE[®] NK 30 BEADS

REVISION 7

UPDATED ON APRIL 2009

DESCRIPTION

SILIPORITE[®] NK 30 is a synthetic zeolite type A crystalline structure in potassium-sodium form, having an effective pore opening of 3 angströms.



SPECIFICATIONS		VALUES				TEST CONTROL
BEAD STANDARD GRAIN SIZE		1.6 mm	1.3 mm	1.0 mm	0.7 mm	
PARTICLE SIZE DISTRIBUTION						
ABOVE	(% weight)					
	0.5 mm	-	-	-	90 min	009
	0.8 mm	-	-	75 min	-	009
	1 mm	-	85 min	-	2 max	009
	1.25 mm	-	-	5 max	-	009
	1.4 mm	85 min	-	-	-	009
	1.6 mm	-	10 max	-	-	009
	2 mm	10 max	-	-	-	009
	2.5 mm	-	-	-	-	009
DELTA T (50g MS / 50cm ³ Water)	(°C)	36 min	36 min	36 min	36 min	004
LOSS ON IGNITION (at 950°C)	(% weight)	2.0 max	2.0 max	2.0 max	2.0 max	001
WATER ADSORPTION CAPACITY AT 23°C ± 2°C						
- at 32% RH (11.88 mm Hg)	(% weight)	16.5 min	16.5 min	16.5 min	16.5 min	002
DUST	mg/m ³	70 max	70 max	70 max	70 max	055

TYPICAL PROPERTIES		VALUES				TEST CONTROL
BULK DENSITY		0.70-0.80	0.70-0.80	0.67-0.79	0.67 - 0.79	006
WATER ADSORPTION CAPACITY AT 23°C ± 2°C						
- at 32% RH (11.88 mm Hg) acc. to EN 1279-2	(% weight)	20	20	20	20	002
GAS DESORPTION (Nitrogen, Argon)	cm ³ / 100g	15	15	15	15	015

APPLICATIONS	STANDARD PACKAGING
<p>SILIPORITE[®] NK 30 beads can be used as desiccant :</p> <ul style="list-style-type: none"> ➤ BUILDING: <ul style="list-style-type: none"> ✘ Double glazing windows with inner spacer. ✘ Door windows for refrigerators. ➤ FINE CHEMICALS AND PHARMACEUTICALS: <ul style="list-style-type: none"> ✘ Drying of solvents. 	<p>SILIPORITE[®] NK 30 beads are delivered in waterproof drums and boxes or in big bag :</p> <ul style="list-style-type: none"> ➤ Metallic drum Net Weight : 130 kg ➤ Box Net Weight : 25 kg ➤ Big Bag Net Weight : 600 or 1000 kg