

SILIPORITE® NK30 AP SC POWDER

Product Data Sheet

PRODUCT BENEFITS

SILIPORITE® NK 30 AP SC is a synthetic zeolite type A of crystalline structure in Potassium-Sodium Aluminosilicate form, having an effective pore opening approximately of 3 angströms (3Å).

SPECIFICATIONS

| | Unit | Values | Test control# |
|---|-------------------------|---------|---------------|
| Particles retained on 20 µm mesh size | % weight | 2.0 max | 009 |
| Particles retained on 100 µm mesh size | % weight | 0.2 max | 009 |
| Delta T | Celsius | 33 min | 004 |
| Loss on ignition (1 hour at 950° Celsius) | % weight | 2.0 | 001 |
| Water adsorption capacity (50% relative humidity at 23° Celsius, +/- 2° Celsius) | % weight | 21 min | 002B |
| Gas Desorption | cm ³ /100 gr | Nil | 015 |

TYPICAL PHYSICAL PROPERTIES

| | Unit | Values | Test control# |
|-----------------|------|-----------|---------------|
| Settled density | | 0.40-0.55 | 005 |

APPLICATIONS

SILIPORITE NK30 AP SC can be used for all purposes where an easy to use and high efficiency drying agent is needed:

Building & Construction industries: in insulating glass units to avoid water condensation while minimizing nitrogen desorption.

In Polyurethane Coatings, Adhesives, Sealants and Elastomers, and any polyurethane applications where foaming should be avoided.

In fine chemicals and/or pharmaceutical applications: water adsorption in chemical equilibrium reactions.

STANDARD PACKAGING

SILIPORITE NK30 AP SC is available in:

Big Bag Net weight: 800 kg (1763.68 lbs)

Big Bag Net weight: 544 kg (1199.3024 lbs)

ARKEMA

• SILIPORITE® NK30 AP SC POWDER

FOR MORE INFORMATION

Contact your Arkema representative or the Arkema Molecular Sieves Department:

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