



KaMin LLC  
 822 Huber Road  
 Macon GA 31217  
 Main 478-750-5410  
 www.kaminsolutions.com

## ASP<sup>®</sup> NC

### Hydrous Aluminum Silicate

#### Product Description

ASP NC kaolin is a highly pulverized, delaminated grade of aluminum silicate. The material is chemically inert and has been specially modified with dispersants for ease of dispersion.

#### Application Information

ASP NC kaolin has a delaminated structure which improves stain resistance and washability in paints. It also improves mud-crack resistance while reducing porosity. It is an excellent TiO<sub>2</sub> extender and improves opacity of paints. It provides synergistic properties when used in combination with calcined kaolin such as Satintone<sup>®</sup> W or Mattex<sup>®</sup>. ASP NC kaolin provides good reinforcement in a wide variety of polymeric systems. The delaminated platelets make ASP NC ideal for applications requiring barrier resistance. Its neutral pH will have minimal effect on cure rate when compounded into cross-linked polymeric systems. Typical applications include water-borne and solvent-borne, interior flat and eggshell paints, and mechanical rubber goods.

Physical Properties	Typical Value
Physical Form	Highly Pulverized Powder
Special Modifications	Dispersant
GE Brightness (%)	87
Screen Residue, 325 Mesh (%)	0.01
Free Moisture (%) measured at 105°C	1.0
pH (20% solids)	7
Median Particle Size, Sedigraph (µm)	0.7
Specific Gravity (g/cm <sup>3</sup> )	2.58
Bulk Density, Loose lb/ft <sup>3</sup> (kg/m <sup>3</sup> )	16 / 260
Bulk Density, Tamped lb/ft <sup>3</sup> (kg/m <sup>3</sup> )	25 / 400
Oil Absorption, Rubout (ASTM D-281)	45

Revised April 2021 ©2022

KaMin<sup>®</sup> LLC, KaMin<sup>®</sup> and the KaMin<sup>®</sup> logo are registered trademarks of KaMin<sup>®</sup> LLC. The above data are representative data for this product and should not be perceived as specifications or maximum/minimum values. The information contained herein is believed to be accurate and reliable, but KaMin<sup>®</sup> MAKES NO WARRANTIES OR MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, OR ANY OTHER EXPRESS OR IMPLIED WARRANTY. The information herein relates only to the specific product described and not to such product in combination with any other product. Providing information as herein contained is not to be regarded by implication or otherwise as conveying any rights or permission for use which would violate any patent rights or violate any law, safety code or insurance regulation. Natural mineral products are subject to the normal variations related to the deposits from which they are mined.