



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

# ASP® 400P

## Hydrous Aluminum Silicate

### Product Description

ASP 400P kaolin is our most coarse particle-size grade of aluminum silicate. ASP 400P is highly pulverized, chemically inert, lower in brightness, and has a higher aspect ratio than other ASP hydrous kaolin grades.

### Application Information

ASP 400P kaolin is widely used in industrial and architectural primers as it improves enamel holdout. Its low oil absorption allows for higher loading in paints. It is also designed for use in stains. ASP 400P kaolin is especially designed for glass-reinforced thermoset systems where low resin demand, low shrinkage, controlled exotherm, craze resistance and good glass carrying properties are required. Typical applications include water-borne and solvent-borne exterior flats and primers, BMC / SMC and pultrusion profiles.

Physical Properties	Typical Value
Physical Form	Highly Pulverized Powder
Special Modifications	None
GE Brightness (%)	80
Screen Residue, 325 Mesh (%)	0.15
Free Moisture (%) measured at 105°C	1.0
pH (20% solids)	4
Median Particle Size, Sedigraph (µm)	3.5
Specific Gravity (g/cm³)	2.58
Bulk Density, Loose lb/ft³ (kg/m³)	25 / 400
Bulk Density, Tamped lb/ft³ (kg/m³)	40 / 640
Oil Absorption, Rubout (ASTM D-281)	33

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