



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

ASP® 172

Hydrous Aluminum Silicate

Product Description

ASP 172 is a very fine particle-size grade of aluminum silicate featuring premium brightness. It is available in either spray-dried beads or slurry form. ASP 172 kaolin is chemically inert and has been specially modified with dispersants for ease of dispersion.

Application Information

ASP 172 is designed for use in water-borne coatings. The fine particle size makes it an excellent candidate for TiO₂ extension. Typical applications include water-borne gloss and semi-gloss coatings, roof coatings, and textile coatings.

Physical Properties	Typical Value
Physical Form	Spray-dried Beads
Special Modifications	Dispersant
GE Brightness (%)	90
Screen Residue, 325 Mesh (%)	0.01
Free Moisture (%) measured at 105°C	1.0
pH (20% solids)	7
Median Particle Size, Sedigraph (µm)	0.4
Specific Gravity (g/cm ³)	2.58
Bulk Density, Loose lb/ft ³ (kg/m ³)	44 / 700
Bulk Density, Tamped lb/ft ³ (kg/m ³)	58 / 930
Oil Absorption, Rubout (ASTM D-281)	43

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