



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

ASP[®] 102

Hydrous Aluminum Silicate

Product Description

ASP 102 kaolin is a very fine particle-size, standard brightness grade of aluminum silicate which is pre-dispersed to obtain a neutral pH. ASP 102 in its physical form is spray dried, which helps to control airborne nuisance dust and makes the product easy to handle. ASP 102 is chemically inert and has been specially modified with dispersants for ease of dispersion.

Application Information

ASP 102 kaolin is designed for use in water-borne, semi-gloss coatings, and for high-shear rubber compounding systems. Its neutral pH will have a minimal effect on cure rates when compounded into rubber systems. Typical applications include water-borne semi-gloss coatings, mechanical rubber goods, and TPE / TPO.

Physical Properties	Typical Value
Physical Form	Spray-dried Beads
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)	0.4
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)	45

Revised April 2021 ©2022

KaMin[®] LLC, KaMin[®] and the KaMin[®] logo are registered trademarks of KaMin[®] 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[®] 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.