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ASP[®] 602

Hydrous Aluminum Silicate

Product Description

ASP 602 is a fine particle size, spray-dried grade of aluminum silicate with standard brightness and a neutral pH. It is chemically inert and has been specially modified with dispersants for ease of dispersion. Spray drying helps control airborne nuisance dust.

Application Information

ASP 602 is designed for use in water-borne, semi-gloss coatings and in gravure ink applications where shot milling is available. ASP 602 kaolin has fine particle size and low residue to provide excellent dispersion and physical properties when compounded into a wide variety of polymeric systems. The neutral pH has a minimal effect on cure rates when compounded into cross-linked polymeric systems. Typical applications include solvent-borne gravure inks, mechanical rubber goods, water-borne semi-gloss coatings, rubber sealants and adhesives, and industrial textile coatings.

Physical Properties	Typical Value
Physical Form	Spray-dried Beads
Special Modifications	Dispersant
GE Brightness (%)	88
Screen Residue, 325 Mesh (%)	0.01
Free Moisture (%) measured at 105°C	1.0
pH (20% solids)	7
Median Particle Size, Sedigraph (µm)	0.6
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)	40

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