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ASP[®] 600

Hydrous Aluminum Silicate

Product Description

ASP[®] 600 kaolin is a fine particle-size, standard brightness grade of aluminum silicate with an acidic pH. ASP 600 is highly pulverized for better dispersion and is chemically inert.

Application Information

ASP 600 kaolin is a good extender for use in primers and its low abrasion characteristics make it an excellent extender for gravure inks. ASP 600 kaolin is highly recommended for polyester pultrusion profiles and is generally used in solvent-borne adhesives and rubber compounds where color is not of primary importance. Typical applications include OEM primers, phenolics, solvent-borne gravure inks, bulk molding compounds, sheet molding compounds, pultrusion profiles, and solvent-borne adhesives and sealants.

Physical Properties	Typical Value
Physical Form	Highly Pulverized Powder
Special Modifications	None
GE Brightness (%)	85
Screen Residue, 325 Mesh (%)	0.01
Free Moisture (%) measured at 105°C	1.0
pH (20% solids)	4
Median Particle Size, Sedigraph (µm)	0.6
Specific Gravity (g/cm ³)	2.58
Bulk Density, Loose lb/ft ³ (kg/m ³)	20 / 320
Bulk Density, Tamped lb/ft ³ (kg/m ³)	30 / 480
Oil Absorption, Rubout (ASTM D-281)	40

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