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ASP[®] 802

Hydrous Aluminum Silicate

Product Description

ASP 802 kaolin is a coarse particle size, delaminated grade of aluminum silicate. It has a high aspect ratio, is chemically inert and has been specially modified with dispersants for ease of dispersion.

Application Information

ASP 802 kaolin has a delaminated structure that improves stain resistance and washability in paints. It also improves mud-crack resistance while reducing porosity. It provides synergistic properties when used in combination with calcined kaolin such as Satintone[®] Whitetex or Mattex[®]. The delaminated platelets make ASP 802 ideal for applications requiring barrier resistance. Typical applications include water-borne interior flat and eggshell paints.

Physical Properties	Typical Value
Physical Form	Spray-dried Beads
Special Modifications	Dispersant
GE Brightness (%)	86
Screen Residue, 325 Mesh (%)	0.02
Free Moisture (%) measured at 105°C	1.0
pH (20% solids)	7
Median Particle Size, Sedigraph (µm)	2.50
Specific Gravity (g/cm ³)	2.58
Bulk Density, Loose lb/ft ³ (kg/m ³)	48 / 770
Bulk Density, Tamped lb/ft ³ (kg/m ³)	54 / 900
Oil Absorption, Rubout (ASTM D-281)	40
Refractive Index	1.56
Bulking Value, lb/gal (kg/liter)	21.5 / 2.58

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