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Buca[®]

Hydrous Aluminum Silicate

Product Description

Buca is a highly pulverized, very fine particle-size, standard brightness grade of aluminum silicate with a neutral pH. Buca is chemically inert and has been specially modified with dispersants.

Application Information

Buca is recommended for use in gravure inks and is an excellent extender in a wide variety of polymeric systems. Its neutral pH has a minimal effect on cure rates when compounded into rubber applications. Typical applications include solvent-borne gravure inks, mechanical rubber goods, rubber sealants/adhesives, BMC/SMC, and wire jacketing.

Physical Properties	Typical Value
Physical Form	Highly Pulverized Powder
Special Modifications	Dispersant
GE Brightness (%)	86
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	2.58
Bulk Density, Loose lb/ft ³ (kg/m ³)	16 / 260
Bulk Density, Tamped lb/ft ³ (kg/m ³)	20 / 320
Oil Absorption, Rubout (ASTM D-281)	45

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