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ASP[®] G90

High Gloss Kaolin

Product Description

ASP G90 high gloss kaolin is a micro fine particle-size, aluminum silicate TiO₂ extender featuring superior gloss and high brightness. ASP G90 is produced using an innovative process technology developed by BASF, which produces a very fine particle size product with a narrow particle size distribution. ASP G90 kaolin is available in pulverized powder form to provide ease of dispersion, high Hegman grind and TiO₂ extension in both solvent and water-borne paints and coatings. It is specially engineered to provide high gloss development without negatively impacting binder demand.

Application Information

ASP G90 high gloss kaolin is designed for use in architectural and industrial, water-borne and solvent-borne, gloss and semi-gloss coatings. ASP G90 can also be used to improve mar and scuff resistance in clear coat varnishes while providing good clarity.

Physical Properties	Typical Value
Physical Form	Highly Pulverized Powder
Special Modifications	Dispersant
GE Brightness (%)	90
Screen Residue, 325 Mesh (%)	0.01
Free Moisture (%) measured at 105°C	1.0 max
pH (20% solids)	7
Median Particle Size, Sedigraph (µm)	0.18
Specific Gravity (g/cm ³)	2.58
Bulk Density, Loose lb/ft ³ (kg/m ³)	13 / 210
Bulk Density, Tamped lb/ft ³ (kg/m ³)	18 / 290
Oil Absorption, Rubout (ASTM D-281)	47

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