

# PoleStar® 400

PoleStar® 400 is a structured aluminum silicate produced by a controlled, high-temperature dehydroxylation of a precisely fractionated, ultra-fine particle kaolin. PoleStar 400 was specifically designed for use as an extender pigment in paint systems where high whiteness, fine particle size and good opacifying properties are required. PoleStar 400 is used as an extender for titanium dioxide in semi-gloss, eggshell and flat paints. PoleStar 400 is used in applications such as:

- Semi-Gloss, Eggshell, and Flat Paints

## TYPICAL PROPERTIES

Source	Sandersville, GA
Whiteness	97
Brightness (G.E. % of MgO)	92
Mean Particle Size(µm)	0.6
Oil Absorption (g/100g)	95
Free Moisture (wt. %)	1.0
pH, 20 % Solids	5.5
Specific Gravity	2.62
Weight per Gallon (lbs)	21.91
Refractive Index	1.62
Wet Screen Residue (325 Mesh) (%)	0.01
Bulk Density (lbs/cuft)	
Loose	7.7
Packed	10.8



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Seventh Edition  
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