



Sino-American Pigment Systems, Inc.

QUALITY RAW MATERIALS ■ ENVIRONMENTAL TECHNOLOGY

White Cloud® SAFE YELLOW PIGMENT ENHANCER PRODUCT DESCRIPTION

- Description:** Safe Yellow Pigment Enhancer is a non-toxic, low-cost, high performance Inorganic Opacifying Pigment. It offers opacity, dispersability, low oil-absorption, with high color, sunlight, heat, and weathering stability. Low oil absorption results low VOC and resin demand. It is water insoluble, reaction less with H₂S and alkali solutions. **Two grades are offered: 230, coating grade and 260, high opacity grade.**
- Applications:** Safe Yellow Pigment Enhancer is ideally suited as an extender for expensive organic color pigments within paint and powder coatings, ink, plastics and mastics. It achieves unattainable high solids and low VOC for its applications. It reduces organic usage while improve flow, opacity, dispersability and film performance and cut the cost. It offers low-dusting, excellent dispersion, suspension stability, and high thermo stability characteristics in all popular solvent and binder systems.
- Packaging:** Packed in 25 KG paper bag, palletized, shrink wrapped and secured with air bags for container shipping. Super sacks are available per request.

TYPICAL SPECIFICATIONS

		SYIC-c	SYIC-h
Product Code		230	260
Physical Form		Dry Powder	Dry Powder
Active Ingredients	% Minimum	99	99
Volatile at 105°C	% Maximum	0.5	0.5
Water Soluble Salts	% Maximum	0.5	0.5
pH value	Median	7.0 – 8.5	7.0 – 8.5
Density in grams/cc @25°C	Median	3.9	3.9
Heat Stability in °F/°C	Nominal	465 / 240	465 / 240
Particle Diameter Mass distribution in microns	Median	0.35 – 0.45	0.35 – 0.45
325 Mesh Residue [44 microns]	% Maximum	0.01	0.01
Oil Absorption in Lbs/100 Lbs	% Maximum	14.5	14.5
Hiding Power in "square feet"/lb	Minimum	55	100
Hiding Power in g"/square meter"	Maximum	88	50
Total Heavy Metals (Pb, Cd, Hg, Cr) in PPM	Maximum	10	10

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