Fluorescent Pigment Chartreuse

Version 2026-10-22c · Revision 2026-10-22

Chemical Group	Fluroescent dye in thermoset amino resin

Product Description

Thermoset, narrow distributed microspherical particles render new properties never seen before: the best resistance to plateout, and plasticizers, and excellent light scattering and opacity, dispersability, tinting strength, and broad compatibility.

Recommended Applications

Extruded (Masterbatch) & moulded polyolefin plastics; PVC coating & moulding

Toxicity

Tests conducted through independent laboratories have found these fluorescent pigments to be "essentially non-toxic." MSDS is available upon request. Good industrial hygiene and handling methods are essential in the use of all products whether or not they are determined to be hazardous.

Physical Data

Density (g/cm³)	1.3
Form of supply	Yellow Powder
Moisture (%)	≤4
pH value	6~8
Light fastness (scale 1–8)	6~8
Heat stability	260°C / 500°F
Melting point (°C)	> 300℃
Average particle size	≤5.00μm
Particle shape	Solid micron-sized spherical particles
Solvent Resistance	Not soluble in most solvent and plasticizer. (Solubility is tested in a 40C water bath for 30 minutes. Following the solubility test, appearance of the supernatant is observed and marked for bleed scales.)
Plateout resistance	Minimizes the build up of plateout in moulded and extruded plastics
Particle Size (Microscope)	Maximum 10 μm
Softening Point	Thermoset; no softening point. But observed color changes at ~270℃
Decomposition Point	> 300℃

Packaging, Shipping & Storage

Fluorescent Pigment Chartreuse is supplied as yellow powder. The product is packed in 25 kg carton and shipped on pallets of 400 kg. Store cool, dry, covered, away from direct sunlight and free of airborne contaminants. Shelf life: Indefinite under cool, dry, covered conditions, away from direct sunlight and free of airborne contaminants.

All the information above is based on data obtained at laboratory and is not to be used for certifying the suitability of the product. Users are advised to test the product in their own system before purchase.