

Fluorescent Pigments (MB-Series) Red

Anti Plate-out Fluorescent Pigments

RECOMMENDED APPLICATIONS:	Extruded (Masterbatch) & moulded polyolefin plastics; PVC coating & moulding
HIGHLIGHT OF PROPERTIES:	Thermoset, narrow distributed microspherical particles render new properties ever seen before: the best resistance to plateout , and plasticizers, and excellent light scattering and opacity, dispersability, tinting strength, and broad compatibility.
CHEMICAL NATURE:	A solid solution of fluorescent dyes in a thermoset amino resin
PHYSICAL PROPERTIES:	
Shape and state:	Solid micron-sized spherical particles
pH:	6~ 8 (5% dispersion in water)
Moisture:	< 4% (2 gram under 140C for 0.5 hours)
Specific Gravity:	1.3 (20°C)
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; Average <5 µm
Softening Point:	Thermoset; no softening point. But observed color changes at ~270°C
Decomposition Point:	> 300°C
Maximum Processing Temperature:	260°C
STORAGE:	Under conditions that are cool, dry, covered, away from direct sunlight and free of airborne contaminants, Fluorescent pigments have an indefinite shelf life.
TOXICITY:	Tests conducted through independent laboratories have found Series Fluorescent Pigments (MB-Series) 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.