



宁波洪大进出口有限公司
NINGBO HONGDA IMP & EXP CO.,LTD

Technical Data Sheet

Product: Fluorescent pigments (HK Series)

Comprising: Lemon yellow HK-10, Green HK-11, Orange Yellow HK-12, Orange HK-13,
Orange-red HK-14, Red HK-15, Pink HK-17, Magenta HK-18, Blue HK-19
And Violet HK-21

Highlight of properties: Formaldehyde free, Plastic Colorants. Brilliant clean fluoresce,
superior tinting strength, melt-in type, easy mixing over the range
of 135 to 235 °C, low plateout; no formaldehyde emission, good
low-temperature (150 TO 180 °C) dispersion. etc.

Recommended Application: Extrusion, injection molding and blow molding, in
manufacturing of toys, safety equipment, graphic sheeting, display
packaging, vacuum-formed products, banners, and many other
eye-catching substance.

Physical Properties:

Specific Gravity: 1.2 g/cm³

Particle size: ≤ 150 μm

Softening point: 80-90 °C

Oil absorption: 56g/100g

Heat resistance: 250 °C

Application in Plastic systems:

Recommend: LDPE, HDPE & PP

Recommend, but through test before using is necessary: PA (nylon), PC, PVC, ABS PS & PMMA

Additives and toxicity:

Studies have shown that plastic processing additives containing zinc, magnesium, calcium and iron will cause deleterious color effects when used in a plastic resin system containing HK series, tests have shown that HK series are essentially non-toxic.

Storage

Under conditions that are cool, dry, covered, away from direct sunlight and free of airborne contaminants, the shelf life of HK series will be indefinite. Upon extended exposure to heat and humidity, HK series may form hard lumps that must be crushed prior to use.