




UKSEUNG CHEMICAL Co., LTD
Updated on Oct. 2015 Revision No. 3

Panax Color_PA-Series

| Product Description | | Product Code: PA | |
|---------------------|-----------------------------|----------------------|----------------|
| Type | Fluorescent Pigments | Yellow PA-205 | Pink PA-503 |
| C.I. No. | Not Available | Orange Yellow PA-207 | Magenta PA-707 |
| Chemical Type | Thermoplastic Resin + Dye | Orange PA-305 | Violet PA-605 |
| CAS No. | Not Available | Orange Red PA-400 | Blue PA-805 |
| Polymer Type | Formaldehyde Free Polyamide | Red PA-403 | Green PA-905 |

| Physical Data | | | Appearance |
|--------------------------------------|--------------|------------------|---|
| Appearance | Color Powder | SEM |  <p>Electron Microscopic Photograph (x500)</p> |
| pH (10% aq. slurry) | 5 - 6 @ 20°C | KS M ISO 787-9 | |
| Specific Gravity(g/cm ³) | 1.2 | | |
| Average Particle Size(μm) | ≤64 | Mastersizer 3000 | |
| Decomposition Temperature (°C) | ≥330 | | |
| Softening Point(°C) | ≥155 | | |
| Minimum Processing Temp.(°C) | 190 | | |

Recommend in Plastics

Recommended Applications: Should be tested for each end use application.

| | |
|--------------------------|---------------------------------------|
| Polyethylene (PE, HD/LD) | Polycarbonate(PC), Polyurethane (PU) |
| Polypropylene (PP) | Polyvinylchloride (PVC flexible) |
| Polystyrene (PS) | Polyamide (Nylon), Polyester |
| | Acrylonitrile-butadiene-styrene (ABS) |

Applications

Panax Color PA Fluorescent Pigments are formaldehyde free, have good plastics compatibility, and low mold plate-out. PA pigments have high tinting strength, superior brightness, good fade resistant and excellent heat stability in injection molded plastics. The maximum recommended processing temperature is 280°C.

Standard Packaging

| | | |
|-----------------|------------|--|
| Paper bags | 10 kg | |
| Big Bags type C | On request | |

Storage

The product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with legal regulations.

Our products specific end use application information are based up on our current knowledge. They are presented without any representation or warranty concerning the suitability, performance or correctness of the product for a Significant variations can occur between test results and results obtained in actual use. We strongly advise that the customer test the product in the specific intended application under conditions expected during use.

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