



TECHNICAL DATA SHEET

HTS Series daylight fluorescent pigment

General Description:

A daylight fluorescent pigment based on a thermoset resin matrix for high temperature plastics processing to limit the loss of colour which may occur with other types of pigment.

Type of Product:

A dyed/pigmented thermoset copolymer.

Standard colours:

Product name	Description
HTS001	Astral Pink
HTS003	Laser Red
HTS004	Flame Orange
HTS005	Blaze
HTS006	Arc Chrome
HTS021	Strong Magenta
HTS027	Lunar Yellow

Packaging:

1 box = 20kg
MOQ = 20kg

Technical Information:

Physical properties	
Delivery form	Powder
Particle size	< 3µm (average)
Hegman grind	5 – 7
pH of dye solution	4.5 – 7.0 (5% Aq. slurry)
Decomposition Temp.	> 220°C
Specific gravity	~1.30 g/ml
Moisture analysis	0 – 2.5%

Processing	
Heat stability	>220°C
Solvent resistance	Resistant to and insoluble in most common solvents including ketones, esters and alcohols.
Pigments are insoluble and need to be dispersed (easily stir-in).	

⁽¹⁾Test methods and Certificate of Analysis (COA) available on request.

Product features and benefits:

- Specifically designed for higher temperature plastics applications such as EVA foam.
- Minimal colour change up to 30 minutes at 170°C.
- Small spherical particles ensures easy dispersion.
- Resistant to plate-out in plastics applications.
- Limited light-fastness in exterior exposure.

Storage & shelf life:

120 months when kept in closed original packaging in a dry place at ambient temperature.

Safety & regulatory:

Safety Data Sheet available on request.

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