

TECHNICAL DATA SHEET

HMP Series daylight fluorescent pigment

General Description:

A high strength, formaldehyde-free pigment with superior temperature and light stability; designed for use in plastics.

Type of Product:

A dyed / pigmented polyamide / polyester thermoplastic copolymer.

Delivery Form:

Powder.

Colours:

Astral Pink 1
 Nova Red 2
 Laser Red 3
 Flame Orange 4
 Blaze 5
 Stellar Green 8
 Magenta 10
 Strong Magenta 21
 Lunar Yellow 27
 Comet Blue 60
 Invisible Blue 70

Product Specification			
Property	Unit	Value	Test method
Colour (visual)		As standard	AX
Softening Point	°C	120 - 160	AM
Tint strength		As standard	BM
Typical Properties			
pH (5% aq. slurry)		4 - 5 @ 20°C	
Decomposition	°C	290	
Particle size	microns	~ 10 (average)	
Specific Gravity		~1.20 @ 20°C	

Copies of test methods available on request

Features and Benefits:

- High strength fast dispersing colours for plastics.
- Compatible with most polymers in general use.
- Recommended for processing between 175°C and 240°C.
- Excellent brightness and colour strength.
- Heavy metals meet EN 71-3 requirements for toys.
- RoHS compliant.
- Limited lightfastness in exterior exposure.

Shelf-life & Storage Conditions:

Indefinite when stored in dry conditions below 35°C.
 Keep dry.
 Keep away from sources of ignition.
 Avoid raising dust.

Other Data:

REACH and TSCA compliant.

Safety:

Please consult our Safety Data Sheet.

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Users are responsible for testing our products and suggestions to ensure that they are suitable for the intended purpose and application prior to use