



Advanced Materials

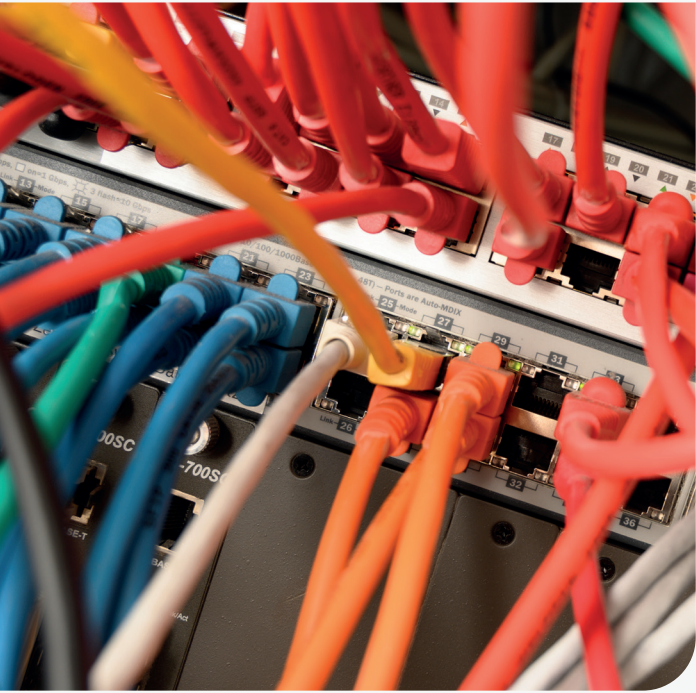
# Colourants

PVC-BASED  
PE-BASED  
EVA-BASED

alphagary



Polymer  
Solutions



# GARATONE Colour Concentrates for Wire, Cable and Electrical Compounds

## PVC- and PE-based colourants

- Available in Munsell standard colours
- Custom colour-matching available
- PE colourants recognized as halogen-free

## EVA-based colourants

- Custom colour-matched
- Recognized as halogen-free

GARATONE PVC-and PE-based color concentrate masterbatch, available in standard Munsell colours or matched to customer specification, complements our wire and cable products without disrupting physical properties.

Our EVA-based colourants are matched to customer specifications and are recognized under UL category AATJ2 to complement our MEGOLON® low smoke, halogen-free compound series.

## PVC-Based colour concentrates

Code	Colour
GT 1001-CPVC-M	WHITE 3388
GT 2006-CPVC-M	BLACK
GT 2008-CPVC-M	GREY 1473
GT 3088-CPVC-M	YELLOW 8608
GT 4001-CPVC-M	RED 5107
GT 4245-CPVC-M	ORANGE 8607
GT 5001-CPVC-M	VIOLET 5114
GT 6121-CPVC-M	BROWN 91131
GT 7001-CPVC-M	BLUE 7074
GT 8001-CPVC-M	GREEN 681

## PE-Based colour concentrates

Code	Colour
GT 1105-CPE	WHITE
GT 2095-CPE	BLACK
GT 2105-CPE	GREY
GT 3105-CPE	YELLOW
GT 4269-CPE	RED
GT 4105-CPE	ORANGE
GT 5105-CPE	PURPLE
GT 6105-CPE	BROWN
GT 7105-CPE	BLUE
GT 8105-CPE	GREEN

# MICRAFLO

## Colouring System

### EVA-based

- Standard colours
- Custom colour-matching available

MICRAFLO is a fine bead masterbatch with a very high concentration of pigment. Since MICRAFLO is an EVA-based colourant, it can be used across a wide variety of extruded or moulded compounds including vinyl-based and polyolefin-based materials. Typical applications include soil pipes, rainwater gutters, extruded profiles, cables, hoses, various moulded products, road-marking products, wall covering, vinyl flooring and a myriad of other products.



### High Pigment Concentration, up to 80 Percent

MICRAFLO is designed and customized to optimize processing with uniform, free-flowing microbeads. The size of the beads allows for better control over colour addition. The fully tailored carrier composition ensures minimal impact on rheology independent of pigment loading.

### Excellent Polymer Compatibility

MICRAFLO is designed to ensure no adverse affects on physical properties. The uniform shape and size allows for consistent and easily-controlled dosage rates with even distribution in the polymer, resulting in consistent colouring.

### Small, Uniform Spherical Bead (1mm)

Free flowing, allowing consistent and controlled dosing that results in improved distribution and uniform colouring.

### Total Pigment Encapsulation

Dust-free, easy clean-up.

- Can be used with conventional dosing equipment
- Custom colour matching available
- Spectrophotometric colour analysis
- Bespoke pigment packages
- Ability to increase gloss and lubrication
- Dedicated colour matching capabilities
- Dust-free; easy clean-up
- Uniform cell structure in foam applications



Since the 1960s, Alphagary has earned its reputation for providing innovative, functional and durable solutions to a broad marketplace, often custom formulating a material to meet end-user and market-specific requirements. We work with an extensive range of polymers, giving our global customer base a variety of features to choose from as they create products that we rely upon for safety, health and comfort in our everyday lives.

We are passionate about safety, dedicated to quality, and committed to harnessing the power of material science and innovation to serve customer needs, address world challenges and provide sustainable solutions.



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