

## Fluon<sup>®</sup> MFA 640 Series Color Concentrate *Typical Properties*

### DESCRIPTION

Fluon<sup>®</sup> MFA 640 Series is a full range of color concentrates designed for use in medium flow MFA (perfluoromethylalkoxy) for pigmentation. The color concentrates are based on Hyflon<sup>®</sup> PFA 640 and are supplied in cylindrical pellet form. These pellets are approximately 0.080" long by 0.080" diameter.

### TYPICAL PHYSICAL PROPERTIES

Color	Product Code	MFR (g/10 min)	Bulk Density (g/L)	Dispersion Quality (inches)	L* (CIELAB, 10° obs., D65)	a*	b*	Approx. RAL
White	448-015-030	12.0	1260	0.0015	97.1	-0.2	3.1	9016
Orange	448-015-031	10.8	1230	0.0015	58.1	39.9	51.4	2010
Green	448-015-032	12.4	1220	0.0015	53.2	-43.5	27.6	6024
Blue	448-015-034	11.6	1250	0.0015	39.1	-7.3	-36.4	5015
Brown	448-015-033	12.2	1300	0.0015	34.4	20.6	19.8	8028
Yellow	448-015-035	12.4	1250	0.0015	81.5	5.9	82.7	1018
Red	448-015-036	9.8	1090	0.0015	38.1	49.5	28.7	3000
Violet	448-015-037	11.3	1250	0.0015	45.0	27.2	-35.6	4005
Gray	448-015-038	11.7	1250	0.0015	48.1	-1.2	-2.8	7031
Black	448-015-039	10.8	1160	0.0015	21.7	-0.4	-0.5	7021

### END USES

Colored injection molded parts, film, tubing, colored wire or jacket insulation where a pigmented appearance is required.

### PROCESSING

The products are added (approximately 2-4%) to natural MFA and processed using conventional thermoplastic techniques such as injection molding and melt extrusion.

### COLORS AVAILABLE

White, Orange, Blue, Green, Brown, Red, Black, Yellow, Violet, and Gray; Custom colors available upon request. Please see contact information below.

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## HAZARDOUS SUBSTANCES

This series of color concentrates do not contain lead, hexavalent chromium, or cadmium, and are used in applications where RoHS (Restrictions on the use of Certain Hazardous Substances) compliance is required.

## HANDLING PRECAUTIONS

Heating Fluon<sup>®</sup> products in excess of 750°F (399°C) can produce toxic fumes. It is, therefore, necessary to provide local exhaust ventilation in areas where Fluon<sup>®</sup> products are exposed to high temperatures. Avoid breathing fumes or contaminating smoking tobacco with fumes, powder, or dust.

Thermal decomposition of this product will generate hydrogen fluoride, which is corrosive. Corrosion resistance materials are required for prolonged contact with molten resin.

## SAFE HANDLING INFORMATION

A summary of the hazards, as defined by OSHA Hazard Communication Standard, 29 CFR 1910.1200 for this product are:

Physical hazards: None

Health hazards: None

FOR ADDITIONAL INFORMATION AND HANDLING INSTRUCTIONS READ AGC CHEMICALS AMERICAS, INC. MATERIAL SAFETY DATA SHEET.

### For more information and samples contact

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MPC MFA 640 Series.DOC Rev. 11/2007