

## Fluon<sup>®</sup> ETFE 7 Series Color Concentrate *Typical Properties*

### DESCRIPTION

Fluon<sup>®</sup> ETFE 7 series is a full range of color concentrates designed for use in low and medium flow ETFE (Ethylene tetrafluoroethylene) for pigmentation. The color concentrates are based on Fluon<sup>®</sup> C-88A 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 <sup>0</sup> obs., D65)	a*	b*	Approx. RAL
White	467-015-823	11	1040	0.0015	97.8	-0.5	2.2	9016
Orange	467-015-811	9	1040	0.0015	56.9	37.9	44.6	2011
Green	467-015-822	12	1170	0.0015	52.9	-37.1	20.3	6037
Blue	467-015-830	9	1040	0.0015	46.0	-5.3	-39.0	5015
Brown	467-015-831	13	1020	0.0015	33.9	8.8	12.8	8007
Yellow	467-015-810	10	1060	0.0015	85.0	-5.1	82.0	1018
Red	467-015-812	5.5	860	0.0015	41.6	51.8	30.4	3020
Violet	467-015-821	12	1100	0.0015	37.9	29.8	-35.6	4005
Gray	467-015-834	9	1030	0.0015	46.3	-1.3	-5.0	7031
Black	467-015-820	8	930	0.0015	23.4	-0.2	0.2	9005

### END USES

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

### PROCESSING

These products are added (approximately 1-2%) to natural ETFE 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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