

**Fluon<sup>®</sup> ECTFE 2000 Series Color Concentrate *Typical Properties***

**DESCRIPTION**

Fluon<sup>®</sup> ECTFE 2000 Series is a full range of color concentrates designed for use in medium flow ECTFE (Poly chloro trifluoro ethylene) for pigmentation. The color concentrates are based on Halar<sup>®</sup> 500 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	450-015-200	16.5	1100	0.0015	94.9	-0.2	2.6	9016
Yellow	450-015-201	19.6	1000	0.0015	83.5	-5.4	81.3	1018
Orange	450-015-202	18.3	1000	0.0015	54.0	35.4	36.7	2010
Red	450-015-203	14.2	900	0.0015	42.2	50.5	29.2	3000
Green	450-015-204	18.6	1020	0.0015	49.9	-37.0	20.2	6024
Brown	450-015-205	16.9	1000	0.0015	28.5	6.4	5.5	8028
Blue	450-015-206	13.6	1000	0.0015	45.7	-2.1	-42.5	5015
Violet	450-015-207	17.6	1000	0.0015	44.1	26.5	-35.0	4005
Gray	450-015-208	16.6	1000	0.0015	40.5	-0.7	-2.8	7024
Black	450-015-209	14.2	940	0.0015	24.7	0.1	-0.2	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 ECTFE 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.

Fluon<sup>®</sup> is a registered trademark of Asahi Glass Company, LTD.

The information provided herein is related only to the specific product designated and may not be applicable where such product is used in combination with any other materials or in any process. NO REPRESENTATION OR WARRANTIES, EITHER EXPRESSED OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OF ANY OTHER NATURE, ARE MADE HEREUNDER. The user of this product has the sole responsibility to determine the suitability of the product for any use and manner of use intended. This document may be revised after its issuance, and the user is advised to use the latest revision.

# Fluon<sup>®</sup> ECTFE 2000 Series Color Concentrate *Typical Properties*

## 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

**AGC Chemicals Americas, Inc.**  
55 E. Uwchlan Avenue, Suite 201  
Exton, PA 19341

**Phone:** (800) 424-7833

**Fax:** (610) 423-4301

Fluon<sup>®</sup> is a registered trademark of AGC Chemicals Americas, Inc.

MPC ECTFE 2000 Series.DOC Rev. 11/2007