

## Fluon<sup>®</sup> FEP 9800 Series Color Concentrate *Typical Properties*

### DESCRIPTION

Fluon<sup>®</sup> FEP 9800 Series is a full range of color concentrates designed for use in high flow FEP (Fluorinated ethylene propylene) for pigmentation. The color concentrates are based on Teflon<sup>®</sup> FEP TE-9494 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	428-015-801	28	1330	0.0015	97.8	-0.7	1.6	9016
Orange	428-015-802	23	1320	0.0015	58.9	37.4	51.9	2010
Blue	428-015-803	25	1430	0.0015	50.2	-1.6	-49.3	5015
Green	428-015-804	24	1450	0.0015	49.8	-37.8	22.2	6024
Brown	428-015-805	25	1300	0.0015	34.3	7.7	14.0	8028
Red	428-015-806	15	1050	0.0015	41.0	53.5	32.7	3000
Gray	428-015-807	27	1300	0.0015	47.3	-1.4	-4.3	7005
Black	428-015-808	16	1130	0.0015	22.6	0.0	0.7	7021
Yellow	428-015-809	30	1250	0.0015	87.9	-4.7	89.9	1018
Violet	428-015-810	28	1300	0.0015	48.5	24.5	-33.2	4005

### 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 FEP 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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