

**Fluon<sup>®</sup> FEP 100 Series Color Concentrate** *Typical Properties*

**DESCRIPTION**

Fluon<sup>®</sup> FEP 100 Series is a full range of color concentrates designed for use in low flow FEP (Fluorinated ethylene propylene) for pigmentation. The color concentrates are based on Teflon<sup>®</sup> FEP 100 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	420-015-887	7.5	1250	0.0015	97.3	-0.4	1.7	9016
Orange	420-015-885	7.5	1250	0.0015	56.1	39.7	46.7	2010
Green	420-015-916	8.0	1350	0.0015	53.7	-38.4	22.2	6024
Blue	420-015-919	8.2	1300	0.0015	49.9	-3.3	-46.5	5015
Brown	420-015-888	8.8	1280	0.0015	30.9	11.1	12.0	8028
Yellow	420-015-920	8.7	1300	0.0015	87.3	-4.0	90.4	1018
Red	420-015-886	5.9	1200	0.0015	41.7	55.7	34.1	3000
Violet	420-015-891	6.7	1300	0.0015	53.0	20.0	-29.1	4005
Gray	420-015-890	7.1	1300	0.0015	47.5	-1.2	-3.1	7005
Black	420-015-917	5.1	1230	0.0015	21.5	-0.4	-0.6	9005
Pink	420-015-921	8.0	1250	0.0015	72.0	30.0	4.5	3015

**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 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.

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

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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® 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® 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 FEP 100 Series.DOC Rev. 10/2017