

Fluon[®] FEP 9400 Series Color Concentrate *Typical Properties*

DESCRIPTION

Fluon[®] FEP 9400 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[®] 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	428-015-401	29	1330	0.0015	96.7	-0.3	2.4	9016
Orange	428-015-402	33	1230	0.0015	59.6	37.7	53.6	2011
Blue	428-015-403	28	1325	0.0015	51.0	-2.1	-49.1	5015
Green	428-015-404	29	1360	0.0015	50.0	-38.8	22.9	6037
Brown	428-015-405	30	1300	0.0015	34.3	10.1	14.6	8007
Red	428-015-406	22	1200	0.0015	41.2	54.5	33.8	3020
Gray	428-015-407	29	1280	0.0015	47.8	-1.3	-3.3	7031
Black	428-015-408	24	1275	0.0015	21.1	-0.1	-0.7	9005
Yellow	428-015-409	33	1215	0.0015	88.3	-4.8	90.4	1018
Violet	428-015-410	27	1200	0.0015	48.4	24.7	-33.4	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 3-4%) 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[®] 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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