

Fluon[®] PFA 2100 Series Color Concentrate *Typical Properties*

DESCRIPTION

Fluon[®] PFA 2100 Series is a full range of color concentrates designed for use in medium flow PFA (Perfluoroalkoxy) for pigmentation. 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*
White	442015331	15	1250	0.0015	96.3	-0.2	2.6
Orange	442015332	14	1200		57.2	34.4	48.4
Blue	442015333	16	1225		40.9	-12.9	-36.1
Green	442015334	14	1200		52.0	-39.0	23.5
Brown	442015335	11	1300		30.4	12.4	14.3
Red	442015336	11	1175		41.5	54.8	33.4
Gray	442015337	13	1275		47.1	-1.2	-2.7
Black	442015338	11	1200		21.4	-0.4	-0.5
Yellow	442015339	14	1200		89.1	-5.1	92.9
Violet	442015340	14	1200		40.8	31.2	-37.4

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 4-6%) to natural PFA 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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AGC
AGC Chemicals Americas, Inc.
Business & Technical Center
55 E. Uwchlan Ave, Suite 201
Exton, PA 19341
Phone: (610) 423-4000
Fax: (610) 423-4301

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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

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

Phone: (800) 424-7833

Fax: (610) 423-4301

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