

Fluon[®] PVDF 9 Series Color Concentrate *Typical Properties*

DESCRIPTION

Fluon[®] PDVF 9 Series is a full range of color concentrates designed for use in PDVF (Polyvinylidene fluoride) for pigmentation. The color concentrates are based on Kynar[®] PVDF 2850-04 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	435-015-309	16	1000	0.0015	96.4	0.0	0.5	9016
Orange	435-015-311	16	1030	0.0015	58.3	53.7	57.2	2010
Green	435-015-312	11	1000	0.0015	50.0	-38.5	20.0	6024
Blue	435-015-313	14	1020	0.0015	50.4	-23.0	-28.0	5015
Brown	435-015-315	17	1000	0.0015	43.0	18.0	15.0	8028
Yellow	435-015-310	16	1000	0.0015	87.5	-3.5	89.5	1018
Red	435-015-308	9	1000	0.0015	42.1	55.3	32.7	3000
Violet	435-015-314	12	1000	0.0015	48.0	20.0	-30.0	4005
Gray	435-015-305	14	1050	0.0015	69.4	-1.6	4.3	7005
Black	435-015-306	15	950	0.0015	23.0	0.2	-0.1	9016
Aqua	435-015-318	12	1000	0.0015	74.8	-30.5	-6.6	5018

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 PVDF 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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