

## Fluon<sup>®</sup> PVDF 10 Series Color Concentrate *Typical Properties*

### DESCRIPTION

Fluon<sup>®</sup> PDVF 10 Series is a full range of color concentrates designed for use in PDVF (Polyvinylidene fluoride) for pigmentation. The color concentrates are based on Kynar<sup>®</sup> 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*
Gray	435-015-330	16	1040	0.0015	44.6	-0.4	-2.6
Orange	435-015-331	16	1050	0.0015	54.6	39.3	44.0
Brown	435-015-332	15	1040	0.0015	31.2	9.1	10.3
Yellow	435-015-333	13	1040	0.0015	88.5	-4.1	91.9
Blue	435-015-334	10	1050	0.0015	41.6	-5.8	-27.6

### 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

Gray, Orange, Brown, Yellow, Blue; 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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