



Technical Data

Fluoro A

Slip / Abrasion Resistance

Product Description

Fluoro A is a PTFE powder made of agglomerates of sub-micron primary particles. The agglomerates can be easily broken down by high shear stress dispersion, blending, or milling procedures, thus yielding sub-micron particles with relatively high specific surface area.

Applications / Benefits

Fluoro A is used as an additive to:

- Improve non-stick properties
- Improve lubricity and wear resistance
- Reduce coefficient of friction

The main areas of application are:

- Rubber
- Printing ink
- Industrial Coating
- Mold Release

Recommended Level

Ink and Coating: 1 - 3%

Typical Properties

Method

Typical Values

Units

Typical Properties	Method	Typical Values	Units
- Appearance:	Visual	White Powder	
- Specific Gravity:	ASTM-D 2320	2.15 - 2.2	g/cm ³
- NPIRI Grind:	ASTM D-1316	2	NPIRI Grind
- Hegman Grind:	ASTM D-1210	7	Hegman Grind
- DSC Melting Point:	ASTM D-4591	608 / 320	°F/°C
- 90% of Particle under:	QSOP*-155 Laser Diffraction	1	µm
- 100% of Particle under:	QSOP*-155 Laser Diffraction	10	µm

Regulatory Status

This product is listed on the following chemical substance inventories: TSCA (USA), DSL (Canada), AICS (Australia), ENCS (Japan), Korea, China, Philippines, and New Zealand. In addition, its monomers are listed on the EINECS (Europe) inventory.

Shipping and Handling Safety

Call Shamrock Customer Service at (973) 242 2999.

Please read Material Safety Data Sheet (MSDS) before using.

* QSOP represents Shamrock's Quality Standard Operating Procedure

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