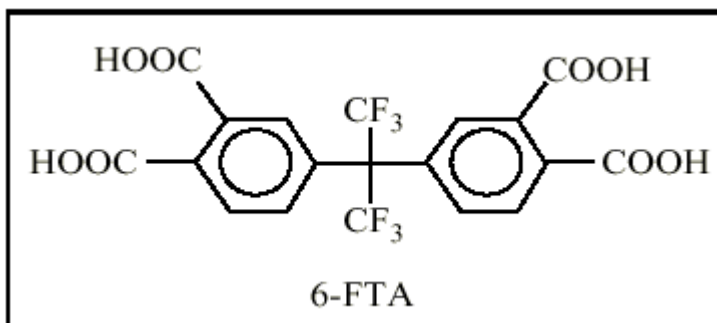




## DuPont Chemical Solutions Enterprise



## 6-FTA

### 4,4'-(Hexafluoroisopropylidene)bisphthalic Acid

4,4'-(Hexafluoroisopropylidene)bisphthalic acid (6-FTA) is a specialty monomer used in fluoropolymers. It is available from DuPont as a white, high-purity powder.

### Specification

Property	Limit	Typical Analysis
Purity, %	95.0 min.	96
Dianhydride, %	5.0 max.	0.05
Water, %	0.5 max.	-
Iron, ppm	50 max.	4
Absorbance @ 550nm, %	0.1	0.032

### Uses

6-FTA is useful as a chemical intermediate or monomer in fluorinated resins in markets including electronics and aerospace.

### Typical Physical Properties\*

Property	Value
CAS Name	1,2-Benzenedicarboxylic acid, 4,4'-[2,2,2-trifluoro-1-(trifluoromethyl)ethylidene]bis-
CAS Number	3016-76-0
Formula	C <sub>19</sub> H <sub>10</sub> F <sub>6</sub> O <sub>8</sub>
Molecular weight	392
Form	Powder
Color	White to off-white
Melting point	244 C (471 F)
Odor	None

\*This table gives typical properties based on historical production performance. DuPont does not make any express or implied warranty that these products will continue to have these typical properties.

### Handling

6-FTA may cause mild skin and eye irritation on contact. Wear as appropriate impervious gloves and other protective clothing. Refer to the MSDS for further handling information.

### Packages

6-FTA is available in 45.36 kg (100 lb) net fiber drums.

## Contact Us

For orders, samples, or technical inquiries, contact any of these locations world-wide:

### United States

Phone (800) 441-9504 (within the US)  
302-992-2397 (outside the US)  
Fax 302-355-3908  
Mail DuPont Chemical Solutions Enterprise  
Customer Service Center, BMP 23  
Wilmington, DE 19899 USA  
Website [www.polymerspecialties.dupont.com](http://www.polymerspecialties.dupont.com)

### Regional Offices - Contact the office nearest you:

#### Asia Pacific

	<u>Phone</u>
DuPont Kabushiki Kaisha (Japan)	81 3 5521 8670
DuPont (Korea) Inc	82 2 2222 5309
DuPont China Holding Co Ltd	0086-65058000-1010
DuPont India	22 67515000 Ext. 5060
DuPont Asia Pacific (Hong Kong)	852 2 734 5345
DuPont Company (Singapore) Pte Ltd	65 6586 3626
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