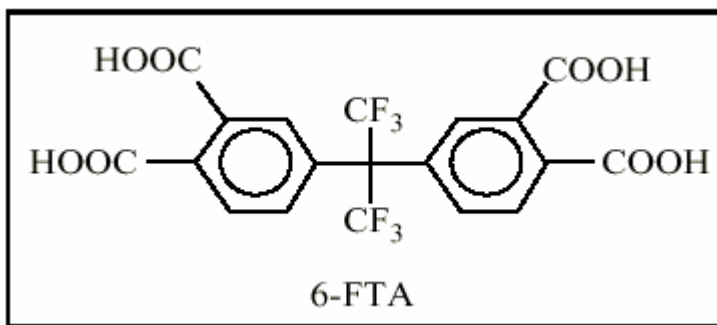




DuPont Chemical Solutions Enterprise



6-FTA

4,4'-(Hexafluoroisopropylidene)biphthalic Acid

4,4'-(Hexafluoroisopropylidene)biphthalic 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 ₁₉ H ₁₀ F ₆ O ₈
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) 441-9508 (within the US)
302-892-8254 (outside the US)
Fax 302-892-1456
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Website www.polymerspecialties.dupont.com

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