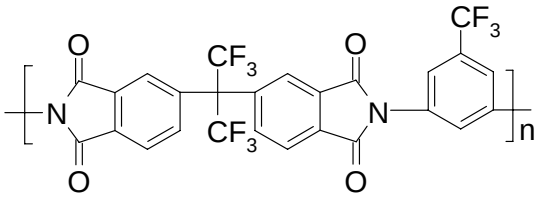
6-FDA-DABTF FLUOROPOLYIMIDE

Product : Polyimide of 4,4'-(hexafluoroisopropylidene)bis phthalic dianhydride and 3,5-diaminobenzotrifluoride

Structure :



Availability : Powder form

Properties :

Glass transition temperature, °C	297
Stable up to, °C	485
Dielectric constant	2.58 at 10GHz
Water absorption	Negligible
Solubility	Dimethyl acetamide, m-cresol

Applications:

6-FDA-DABTF-Fluoropolyimide exhibit exceptional thermo-oxidative properties. Attractive features like high optical transparency, excellent dielectric characteristics, low moisture absorption, good chemical resistance and solubility in common polar solvents make this fluoropolyimide unique class of polymers.

It is used for

- Aerospace
- Electronic
- Solar cell
- Optoelectronics / Optical wave guides