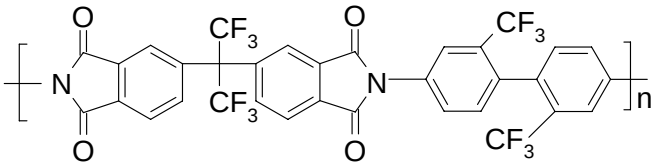
6-FDA-TFDB FLUOROPOLYIMIDE

Product : Polyimide of 4,4'-(hexafluoroisopropylidene)bis phthalic dianhydride and 2,2'-*bis*trifluoromethyl-4, 4'-diaminobiphenyl

Structure :



Availability : Powder form

Properties :

Glass transition temperature, °C	335
Stable up to, °C	550
Dielectric constant	2.8 at 1MHz
Water absorption	Negligible
Solubility	Dimethyl acetamide, acetone, tetrahydrofuran

Applications:

6-FDA-TFDB-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
- Gas permeable membranes