

サンアプロのPFAS対応光酸発生剤

PFAS-Free Photo Acid Generators of SAN-APRO

PFASとは？

What is PFAS?

PFAS: ペルフルオロおよびポリフルオロアルキル化合物)の略称

※経済協力開発機構(OECD)は「完全にフッ素化されたメチル(CF₃-)、

またはメチレン炭素原子(-CF₂-)を少なくとも一つ含むフッ素化合物」と定義

PFAS: Abbreviation for Per- and Polyfluoroalkyl Substances (PFAS).

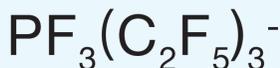
*The Organization for Economic Cooperation and Development (OECD) defines PFAS as

“fluorine compounds containing at least one fully fluorinated methyl (CF₃-) or methylene carbon atom (-CF₂-).”

PFAS

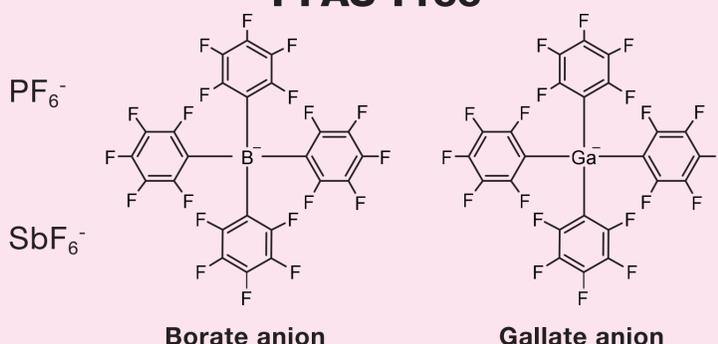


Trifluoromethane
sulfonic acid anion



FAP anion

PFAS-Free



ラインナップ

Lineup

| Anion | Iodonium Cation | Sulfonium Cation | | | | | |
|---|-----------------|-----------------------|----------------------------------|--------------------------------|----------------------------------|------------------|--------------------------------|
| | | Absorption wavelength | | | | | |
| | | ~310nm | ~360nm | ~370nm | | ~390nm | ~430nm |
| Borate B(C ₆ F ₅) ₄ ⁻ | IK-20B | CPI-110B | CPI-310B | ES-200B | | CPI-410B | ES-1B |
| Gallate Ga(C ₆ F ₅) ₄ ⁻ | IK-1FG | | CPI-310FG | | VC-1FG | improved | ES-1FG |
| SbF ₆ ⁻ | | CPI-101A | improved | | | | |
| PF ₆ ⁻ | | CPI-100P | | | | | |
| Features | High solubility | Standard | High sensitivity Transparency | High Sensitivity Solubility | High Sensitivity Transparency | High sensitivity | High Sensitivity Solubility |

Products

in Blue are in the commercial stage

in Red are in the pilot stage

in Yellow are in the Development stage

