



Technical Data Sheet

Product name:	FC-a
Product Form:	White powder
Chemical name:	Phosphonium, tetrabutyl-, salt with 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanesulfonic acid (1:1)
Synonym:	Tetrabutylphosphonium Perfluorobutylsulfonate, ANTI-STAT FC-1
CAS No:	220689-12-3
EINECS No:	444-440-5
Chemical formula:	$(C_4H_9)_4PSO_3C_4F_9$
Formula weight:	558

Chemical Specification

Free bromide (ppm):	10 max.
Chloride (ppm):	10 max.
Potassium (ppm):	50 max.
Sodium (ppm):	50 max.
Iron (ppm):	20 max.
Magnesium (ppm):	20 max.
Calcium (ppm):	50 max.
Size: pass thru 20mesh (%)	100%
Phosphorus (%):	5.20-5.66 (target: 5.55)
Sulfur (%):	5.70
Water (%):	0.50 max.
Acid (%):	0.7 max.
Melting point (°C):	68-75
Appearance visual inspect:	Pass
IR spectrum vs standard:	pass

IUPAC Name:

tetrabutyl-phosphonium nonafluoro-butane-1-sulfonate

Packing:

Classification: Xn, R22-52/53, S2, S61