

微粉シリカ / Fine Silica

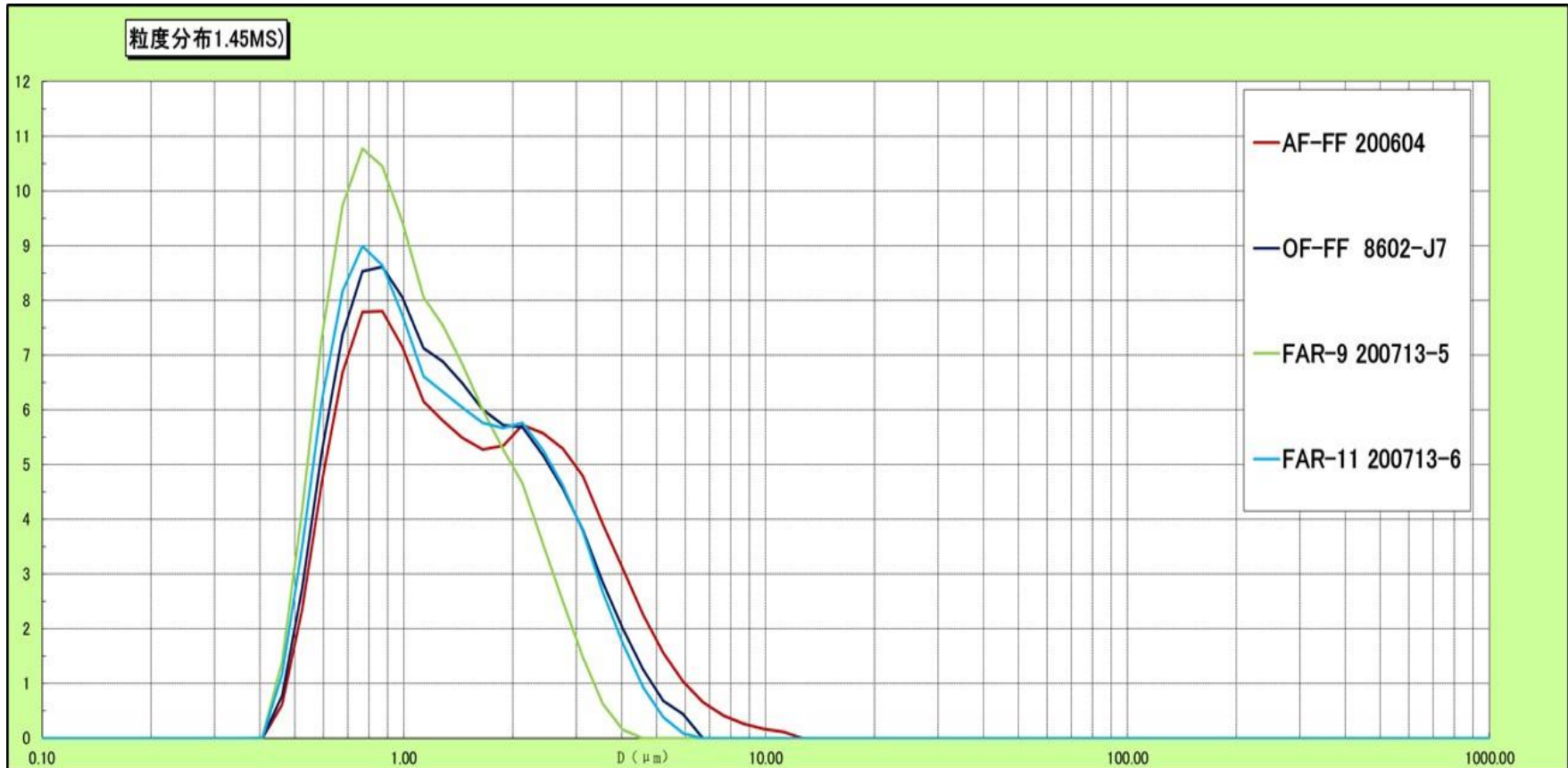
PRODUCT

INSPECTION ITEM / 項目	PRODUCT NAME	Fused Silica / 熔融シリカ				Crystal Silica / 結晶シリカ	
		1 μm	1 μm	1 μm	1 μm	1 μm	1 μm
		OF-FF	AF-FF	FAR-9	FAR-11	CAR-8	CAR-14
CHEMICAL PROPERTIES / 化学組成							
SiO ₂	(%)	>99.8	>99.8	>99.8	>99.8	>99.8	>99.8
Al ₂ O ₃	(ppm)	500	500	500	500	1000	200
Fe ₂ O ₃	(ppm)	50	50	20	20	50	20
Particle Size Distribution (Malvern) / マルバーンレーザー粒径							
D ₁₀₀	(μm)	5.9	14.5	4.6	5.9	4.03	5.2
D ₅₀	(μm)	1.0	1.3	0.9	1.1	0.8	1.5
EXTRACTED WATER / 抽出水特性							
電気伝導度 EC	(μs/cm)	<10.0	<10.0	<10.0	<10.0	<15.0	<10.0
pH	-	5.5±1.5	5.5±1.5	5.5±1.5	5.5±1.5	5.5±1.5	5.5±1.5
SPECIFIC SURFACE AREA / 比表面積							
SSA	m ² /g	14.2	12.5	14.1	13.4	12.5	9.1

PRODUCT

品名PRODUCT NAME Lot No.		OF-FF 8602-J7	AF-FF 200604	FAR-9 200713-5	FAR-11 200713-6	CAR-8 200402-1	CAR-14 200713-2
SSA	m ² /g	14.2	12.5	14.1	13.4	12.5	9.1
EC	μS/cm	3.1	2.8	7.4	4.3	10	8.8
pH	-	5.1	5.2	5.1	4.9	6.4	5.5
Na ⁺	ppm	1.3	0.7	5.6	1.4	36.9	9.4
Cl ⁻	ppm	0.3	0.1	10.6	1.6	80.8	15.2
Fe ₊₊	ppm	3.7	2.2	18.2	3.9	89.6	11.6
SiO ₂	ppm	>99.8	>99.8	>99.8	>99.8	>99.8	>99.8
Fe ₂ O ₃	ppm	50	50	20	20	100	20
Al ₂ O ₃	ppm	500	500	500	500	1000	500
- 6μm	%	100.0	98.2	100.0	100.0	100	100.0
- 3μm	%	94.5	85.0	97.2	93.0	99.2	93.4
- 1.5μm	%	72.0	55.6	74.1	64.8	84.6	51.0
D50	μm	1.0	1.3	0.9	1.1	0.8	1.5
TOPSIZE	μm	5.9	14.5	4.6	5.9	4.03	5.2

Graph (ParticleSizeDistribution)



Graph (ParticleSizeDistribution)

