



フミテック株式会社
Fumitec Corporation
2017/10/06 版

Product List 製品カタログ

1. *CRYSTAL SILICA POWDER PRODUCT LIST No. 1*

:結晶性シリカパウダー(ボールミル)

2. *CRYSTAL SILICA POWDER PRODUCT LIST No. 2*

:結晶性シリカパウダー(ボールミル)

3. *FUSED SILICA POWDER PRODUCT LIST*

:熔融シリカパウダー(ボールミル)

4. *FUSED SILICA POWDER PRODUCT LIST*

:熔融シリカパウダー(精密鑄造向け)

5. *CRYSTAL SILICA FINE POWDER*

:結晶性シリカパウダー(連続粉碎)

6. *FUSED SILICA FINE POWDER*

:熔融シリカパウダー(連続粉碎)

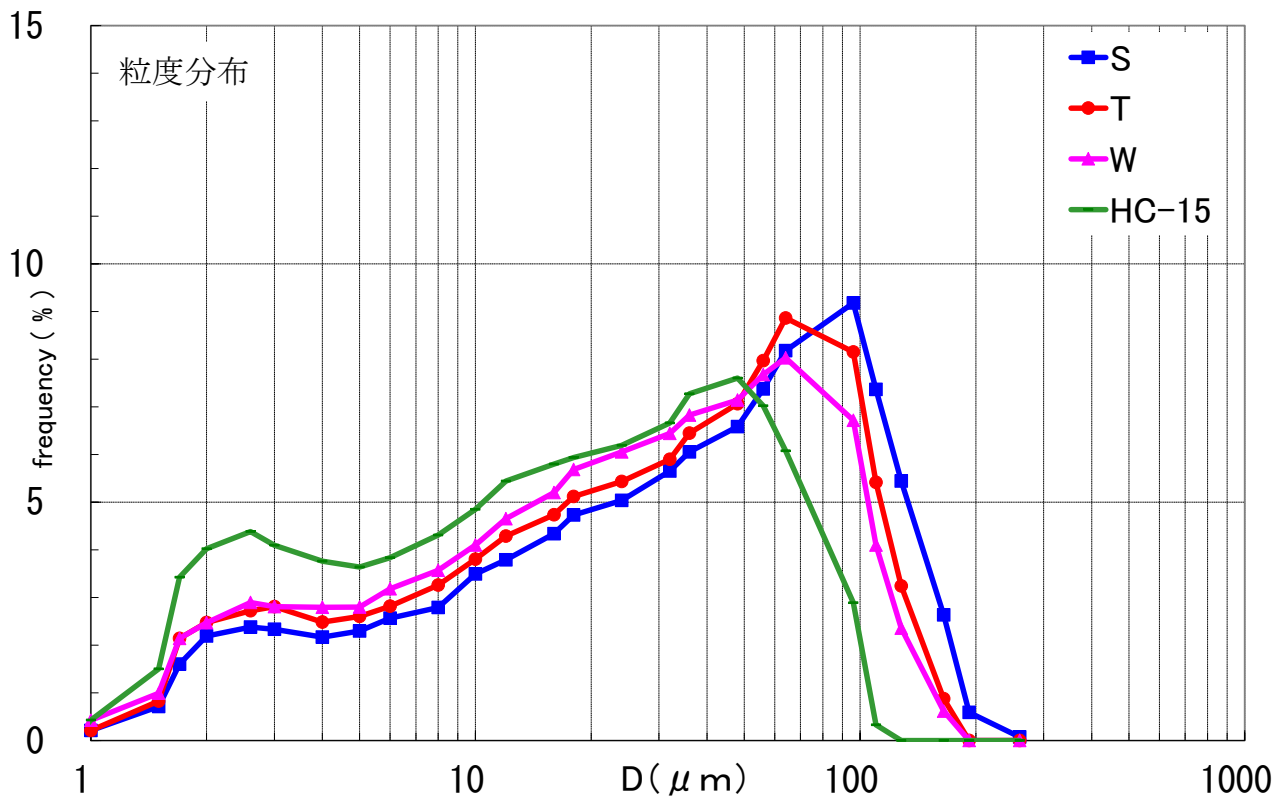
*各データは代表値です

CRYSTAL SILICA POWDER PRODUCT LIST No. 1

結晶性シリカパウダー(ボールミル)

Fumitec Corporation

PRODUCT NAME/品名	S	T	W	HC-15
CHEMICAL PROPERTIES/化学組成				
SiO ₂	(%)	> 99.8	> 99.8	> 99.8
Al ₂ O ₃	(ppm)	< 500	< 500	< 500
Fe ₂ O ₃	(ppm)	< 50	< 50	< 50
PARTICLE DISTRIBUTION/湿式フルイ粒度				
150 μm ON	(%)	0.0	0.0	0.0
106 μm ON	(%)	6.5	1.5	-
75 μm ON	(%)	-	-	9.0
45 μm ON	(%)	33.5	31.5	19.0
45 μm PASS	(%)	60.0	67.0	72.0
AVERAGE PARTICLE SIZE/平均粒径	(μm)	32.1	26.1	22.5
EXTRACTED WATER/抽出水特性				
EC	(μs/cm)	< 15.0	< 15.0	< 15.0
pH		6.5±1.0	6.5±1.0	6.5±1.0
SPECIFIC SURFACE AREA/比表面積				
SSA	(m ² /g)	0.6	0.7	0.9

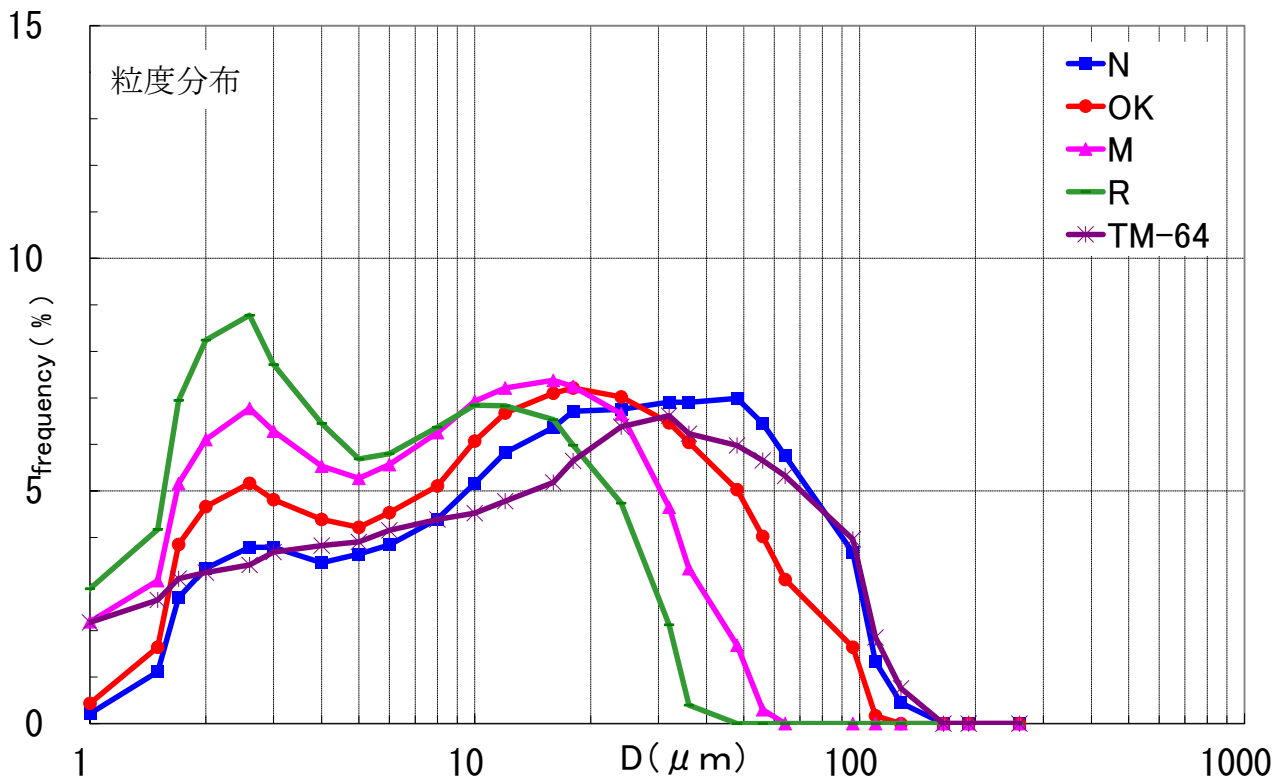


CRYSTAL SILICA POWDER PRODUCT LIST No. 2

結晶性シリカパウダー(ボールミル)

Fumitec Corporation

PRODUCT NAME/品名	N	OK	M	R	TM-64
CHEMICAL PROPERTIES/化学組成					
SiO ₂	(%)	> 99.8	> 99.8	> 99.7	> 99.7
Al ₂ O ₃	(ppm)	< 1000	< 1500	< 2000	< 3000
Fe ₂ O ₃	(ppm)	< 50	< 50	< 50	< 50
PARTICLE DISTRIBUTION/湿式フレイ粒度					
150 μm ON	(%)	—	—	—	—
75 μm ON	(%)	3.0	0.5	0.1	0.01
45 μm ON	(%)	11.5	4.5	0.5	0.09
45 μm PASS	(%)	85.5	95.0	99.4	99.9
AVERAGE PARTICLE SIZE/平均粒径	(μm)	15.4	10.6	6.3	3.9
EXTRACTED WATER/抽出水特性					
EC	(μs/cm)	< 15.0	< 15.0	< 15.0	< 15.0
pH		6.5±1.0	6.5±1.0	5.7±1.0	5.5±1.0
SPECIFIC SURFACE AREA/比表面積					
SSA	(m ² /g)	1.3	1.6	2.5	3.8

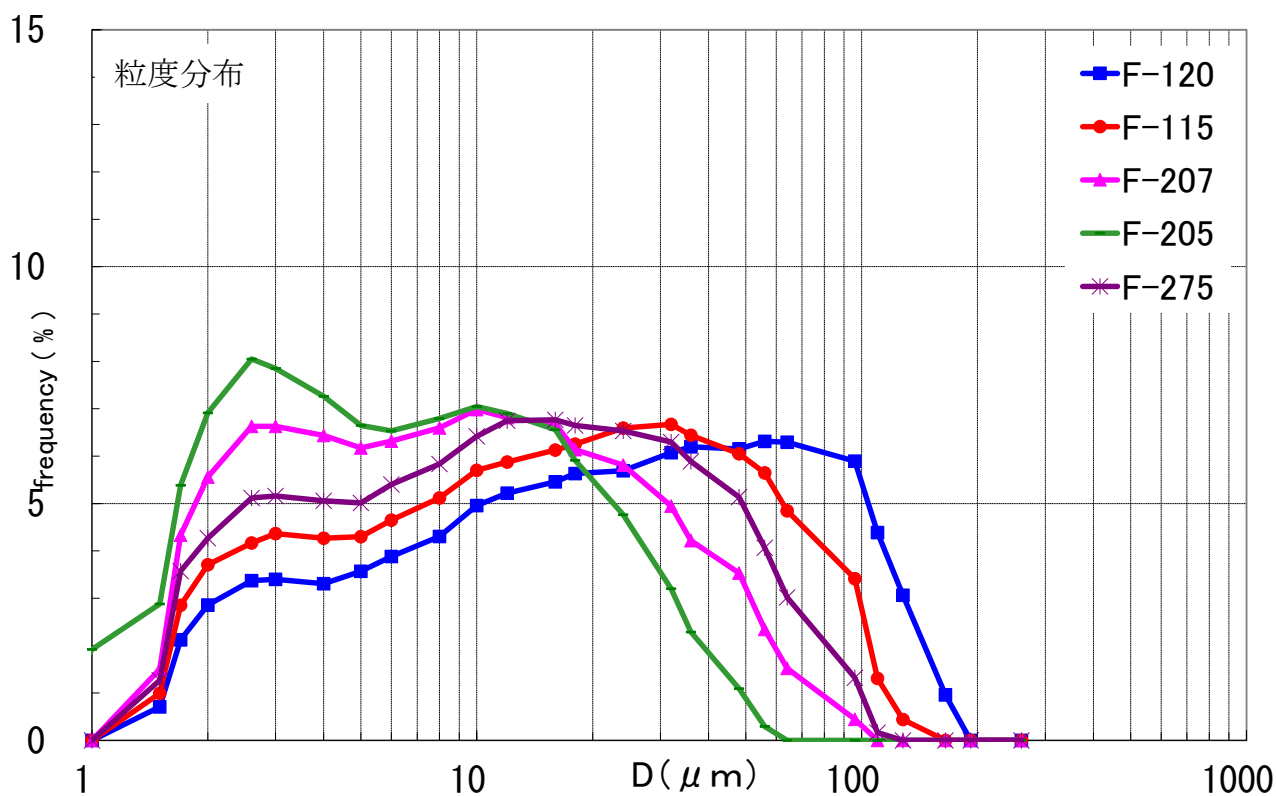


FUSED SILICA POWDER PRODUCT LIST

溶融シリカパウダー (ボールミル)

Fumitec Corporation

PRODUCT NAME / 品名	F-120	F-115	F-207	F-205	F-275
CHEMICAL PROPERTIES / 化学組成					
SiO ₂ (%)	> 99.8	> 99.8	> 99.8	> 99.7	> 99.8
Al ₂ O ₃ (ppm)	< 1500	< 1500	< 1500	< 2500	< 1500
Fe ₂ O ₃ (ppm)	< 50	< 50	< 50	< 50	< 50
PARTICLE DISTRIBUTION / 湿式フルイ粒度					
150 μm ON (%)	0.0	0.0	0.0	—	0.0
75 μm ON (%)	11.2	4.3	0.1	0.1	0.01
45 μm ON (%)	15.0	11.4	1.4	0.3	5.3
45 μm PASS (%)	73.8	84.3	98.5	99.6	94.6
AVERAGE PARTICLE SIZE / 平均粒径 (μm)	19.1	13.7	7.4	5.2	10.3
EXTRACTED WATER / 抽出水特性					
EC (μs/cm)	< 7.0	< 7.0	< 7.0	< 10.0	< 7.0
pH	5.7±0.8	5.5±0.7	5.5±0.7	5.0±1.0	5.3±0.7
SPECIFIC SURFACE AREA / 比表面積					
SSA (m ² /g)	1.8	2.7	4.3	6.0	3.0

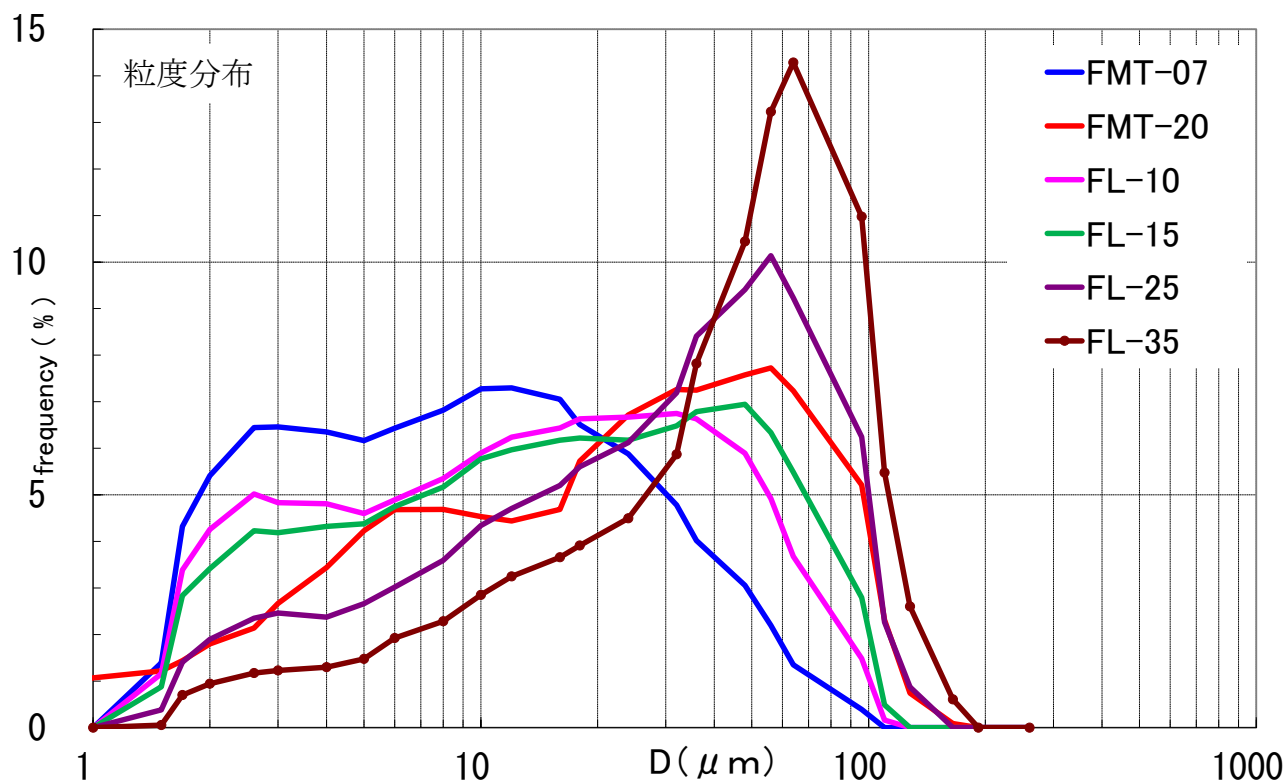


FUSED SILICA POWDER PRODUCT LIST

熔融シリカパウダー（精密鑄造向け）

Fumitec Corporation

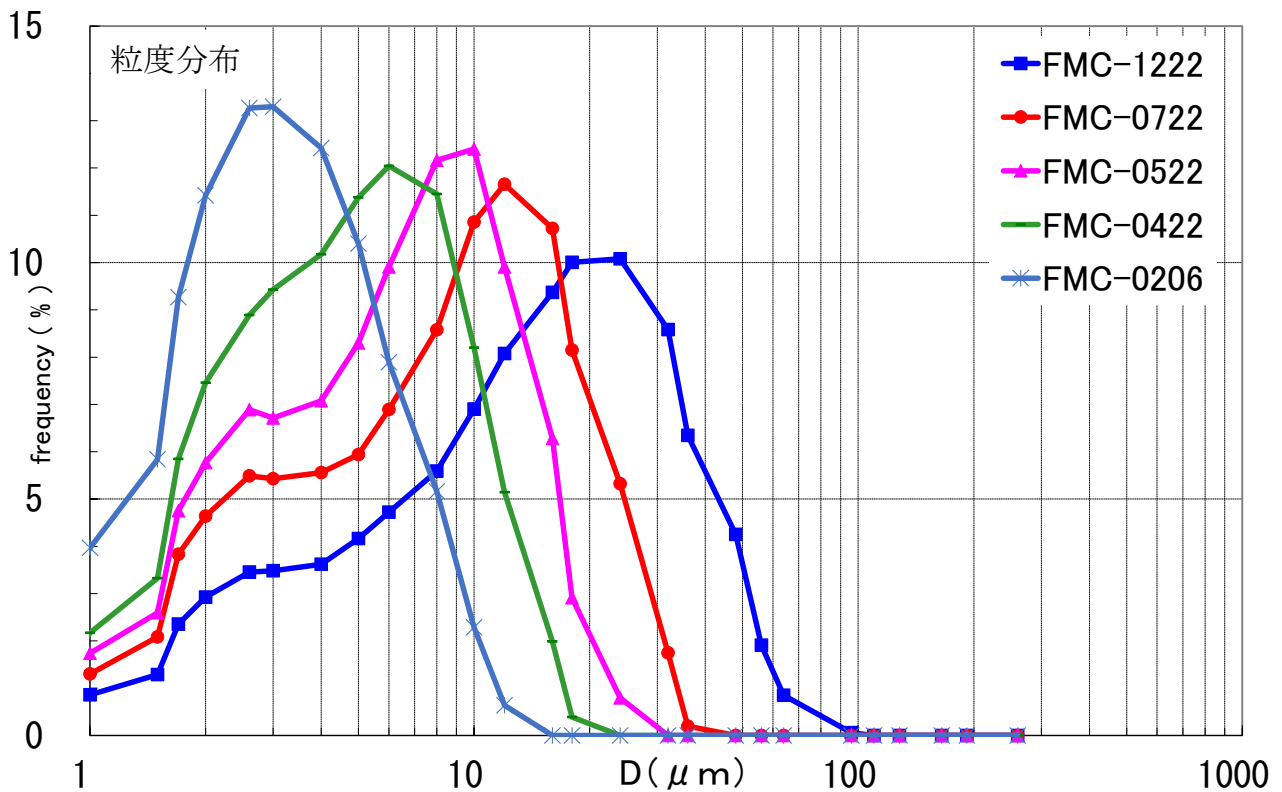
PRODUCT NAME/品名		FMT-07	FMT-20	FL-10	FL-15	FL-25	FL-35
CHEMICAL PROPERTIES/化学組成							
SiO ₂	(%)	> 99.8	> 99.8	> 99.8	> 99.8	> 99.8	> 99.8
Al ₂ O ₃	(ppm)	< 1500	< 1500	< 1500	< 1500	< 1500	< 1500
Fe ₂ O ₃	(ppm)	< 50	< 50	< 150	< 150	< 150	< 150
PARTICLE DISTRIBUTION/湿式フルイ粒度							
150 μm ON	(%)	0.0	0.0	0.0	0.0	0.0	0.0
106 μm ON	(%)	-	-	-	-	-	-
75 μm ON	(%)	0.1	9.7	0.1	0.1	0.6	1.3
45 μm ON	(%)	1.7	17.5	4.4	7.5	23.4	42.2
45 μm PASS	(%)	98.2	72.8	95.5	92.4	76.0	56.2
AVERAGE PARTICLE SIZE/平均粒径	(μm)	7.5	19.5	11.4	13.6	25.8	43
EXTRACTED WATER/抽出水特性							
EC	(μs/cm)	< 7.0	< 7.0	< 7.0	< 7.0	< 7.0	< 7.0
pH	-	5.7±0.8	5.5±0.7	5.5±0.7	5.3±0.7	5.3±0.7	5.3±0.7
SPECIFIC SURFACE AREA/比表面積							
SSA	(m ² /g)	4.3	2.7	-	-	-	-



Crystal Silica Fine Powder 結晶性シリカパウダー(連続粉碎)

Fumitec Corporation

PRODUCT NAME/品名		FMC-1222	FMC-0722	FMC-0522	FMC-0422	FMC-0206
CHEMICAL PROPERTIES/化学組成						
SiO ₂	(%)	> 99.7	> 99.7	> 99.7	> 99.7	> 99.7
Al ₂ O ₃	(ppm)	< 2500	< 2500	< 2500	< 2500	< 2500
Fe ₂ O ₃	(ppm)	< 100	< 100	< 100	< 100	< 100
BRIGHTNESS/白色度						
L	mg/100g	87.5	88.4	89.4	90.0	90.6
ParticleSizeDistribution(CILASLaser)/シーラスレーザー粒径						
D ₁₀₀	(μm)	96.0	36.0	24.0	18.0	12.0
D ₅₀	(μm)	12.4	7.3	5.4	4.0	2.6
EXTRACTED WATER/抽出水特性						
電気伝導度 EC	(μs/cm)	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
pH	-	6.0±1.0	6.0±1.0	6.0±1.0	6.0±1.0	6.0±1.0
SPECIFIC SURFACE AREA/比表面積						
SSA	m ² /g	0.9	1.6	1.7	2.1	4.4



Fused Silica Fine Powder 溶融シリカパウダー(連続粉砕)

Fumitec Corporation

PRODUCT NAME/品名		FMF-1013	FMF-0713	FMF-0513
CHEMICAL PROPERTIES/化学組成				
SiO ₂	(%)	> 99.7	> 99.7	> 99.7
Al ₂ O ₃	(ppm)	< 2500	< 2500	< 2500
Fe ₂ O ₃	(ppm)	< 100	< 100	< 100
BRIGHTNESS/白色度				
L	mg/100g	-	-	-
ParticleSizeDistribution(CILASLaser)/シーラスレーザー粒径				
D ₁₀₀	(μm)	48.0	32.0	24.0
D ₅₀	(μm)	9.5	6.7	5.0
EXTRACTED WATER/抽出水特性				
電気伝導度 EC	(μs/cm)	< 10.0	< 10.0	< 10.0
pH	-	5.0±1.0	5.0±1.0	5.0±1.0
SPECIFIC SURFACE AREA/比表面積				
SSA	m ² /g	2.0	2.3	2.9

