



The best of silica sand for mold sand, suitable for all foundry applications

Fremantle silica sand (FM)

Features Pure silica sand from Western Australia with excellent colorability, stable particle size

and shape, spherical grain shape, high affinity for resin, contributing to cost reduction in

casting production.

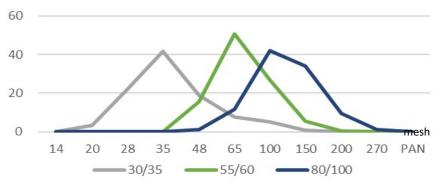
Discharging port Yokohama and others

Size(AFS) FM16(16/30)、FM30(30/35)、FM42(42/46)、FM50(50/55)、FM55(55/60)、

FM80(80/100)

	%				
C)	SiO ₂	99.8			
Chem icalComposition	Al_2O_3	0.04			
ical Com 組	Fe ₂ O ₃	0.01			
pos iti	TiO ₂	0.03			
n	Ig.loss	0.05			
	見掛比重 Apparent Specific Gravity	1.6			
物理的性質	酸消費量 Acid Consumption	0.5m l /50g			
ica l P roj 性	粘土分 ^{C lay}	0.06			
E 質	рН	6.8			
	粒形係数 Coefficient of grain diam eter	1.2			





mesh	14	20	28	35	48	65	100	150	200	270	DAM	GFN
μm	1180	850	600	425	300	212	150	106	75	53	PAN	(AFS)
16/30	0.2	13.6	73.1	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.0
30/35	0.0	3.3	22.3	41.6	18.9	7.8	5.2	0.7	0.2	0.0	0.0	33.3
42/46	0.0	0.0	0.4	19.0	41.8	27.2	9.7	1.5	0.1	0.0	0.0	45.0
50/55	0.0	0.0	0.1	1.9	27.2	46.7	19.8	3.9	0.4	0.1	0.0	53.0
55/60	0.0	0.0	0.0	0.2	15.6	50.6	26.8	5.6	0.5	0.1	0.0	57.0
80/100	0.0	0.0	0.0	0.2	1.3	11.7	42.2	34.0	9.6	1.0	0.0	86.0