

SPECIFICATION OF ZIRCONIUM SILICATE**1 Product Code:** RZ-120**2 Typical Chemical Analysis:**

Characteristic	Test method	Content
2.1 Zirconium oxide content $ZrO+(HfO_2)$, % (m/m)	TCVN 7368 : 2007	min 64.27
2.2 Silicon dioxide content (SiO_2), % (m/m)	TCVN 6533 : 1999	33.21
2.3 Oxide titan content (TiO_2), % (m/m)	Ref. AOAC 2010 (990.08) - ICP	0.13
2.3 Aluminum oxide content (Al_2O_3), % (m/m)	Ref. AOAC 2010 (990.08) - ICP	0.88
2.4 Iron oxide content (Fe_2O_3), % (m/m)	Ref. AOAC 2010 (990.08) - ICP	0.07
2.6 Partical Size Distribution (Details as attached chart)		D50 \leq 1.10 μm D95 \leq 2.30 μm

3 Typical Physical Property:

Chemical Formular	$ZrSiO_4$	Crystal System	Tetragonal
Colour	White	Melting Point	2,200~2,500°C
Specific Gravity	4.6~4.8	Flash Point	None
Bulk Density	2,600~2,900Kg/m ³	Exploration Limit	None
Hardness (Mohs)	7.5	Volatise	None
Reactivity	Inert	Solubility (water)	Insolution

4 Manufacturer: ROCK TEAM INDUSTRY (VN) CO., LTD.**5 Package:** 25Kg paper bag

Sample Name : RZ-120

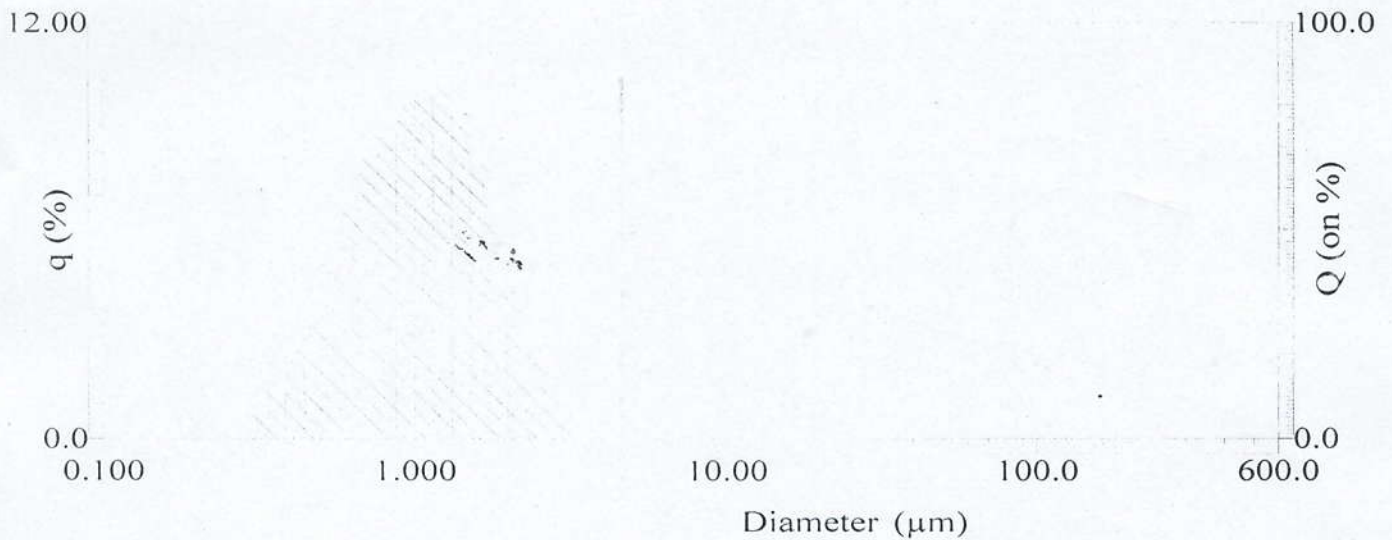
Median : 1.0426 (μm)

Filename : 2850415080519
Circulation Speed : 7
Ultra sonic : 02:25
Laser T% : 82.4 (%)
Form of Distribution : Standard
R.R.Index : 1.80-0.00i

Mean : 1.1595 (μm)
Mode : 1.2265 (μm)

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Diameter on % : (1) 5.000 (%) - 0.4495 (μm) (7) 70.00 (%) - 1.3702 (μm)
(2) 10.00 (%) - 0.5275 (μm) (8) 80.00 (%) - 1.5981 (μm)
(3) 20.00 (%) - 0.6609 (μm) (9) 90.00 (%) - 1.9488 (μm)
(4) 30.00 (%) - 0.7815 (μm) (10) 95.00 (%) - 2.2811 (μm)
(5) 40.00 (%) - 0.9065 (μm)
(6) 60.00 (%) - 1.1939 (μm)



No.	Diameter(μm)	q (%)	Upper %	No.	Diameter(μm)	q (%)	Upper %	No.	Diameter(μm)	q (%)	Upper %
1	0.115	0.000	0.000	28	4.472	0.000	100.000	55	174.616	0.000	100.000
2	0.131	0.000	0.000	29	5.122	0.000	100.000	56	200.000	0.000	100.000
3	0.150	0.000	0.000	30	5.867	0.000	100.000	57	229.075	0.000	100.000
4	0.172	0.000	0.000	31	6.720	0.000	100.000	58	262.376	0.000	100.000
5	0.197	0.000	0.000	32	7.697	0.000	100.000	59	300.518	0.000	100.000
6	0.226	0.000	0.000	33	8.816	0.000	100.000	60	344.206	0.000	100.000
7	0.259	0.000	0.000	34	10.097	0.000	100.000	61	394.244	0.000	100.000
8	0.296	0.000	0.000	35	11.565	0.000	100.000	62	451.556	0.000	100.000
9	0.339	0.693	0.693	36	13.246	0.000	100.000	63	517.200	0.000	100.000
10	0.389	1.437	2.130	37	15.172	0.000	100.000	64	592.387	0.000	100.000
11	0.445	2.579	4.709	38	17.377	0.000	100.000				
12	0.510	3.947	8.657	39	19.904	0.000	100.000				
13	0.584	5.318	13.974	40	22.797	0.000	100.000				
14	0.669	6.599	20.574	41	26.111	0.000	100.000				
15	0.766	8.089	28.663	42	29.907	0.000	100.000				
16	0.877	9.026	37.689	43	34.255	0.000	100.000				
17	1.005	9.595	47.284	44	39.234	0.000	100.000				
18	1.151	10.002	57.285	45	44.938	0.000	100.000				
19	1.318	10.044	67.330	46	51.471	0.000	100.000				
20	1.510	9.373	76.703	47	58.953	0.000	100.000				
21	1.729	7.883	84.586	48	67.523	0.000	100.000				
22	1.981	6.152	90.738	49	77.339	0.000	100.000				
23	2.269	4.153	94.890	50	88.583	0.000	100.000				
24	2.599	2.741	97.631	51	101.460	0.000	100.000				
25	2.976	1.411	99.042	52	116.210	0.000	100.000				
26	3.409	0.683	99.725	53	133.103	0.000	100.000				
27	3.905	0.275	100.000	54	152.453	0.000	100.000				