

JIS Quartz

Japanese Industrial Standard Z 8901

Quartz Test Dust Class 1, 2 & 3

Typical Chemical Analysis Class 1, 2 & 3

Chemical	% of Weight
SiO ₂	97,0
Fe ₂ O ₃ , Al ₂ O ₃ , TiO ₂ , MgO	3,0 maximum

JIS Test Dust Particle Size Distribution by Mass % Greater Than

Size [µm]	Class 1	Class 2	Class 3
5	---	88,0 ± 5,0	61,0 ± 5,0
10	---	76,0 ± 3,0	43,0 ± 5,0
20	---	62,0 ± 3,0	27,0 ± 3,0
30	---	50,0 ± 3,0	15,0 ± 3,0
40	---	39,0 ± 3,0	9,0 ± 3,0
45	100,0	---	---
75	90,0 ± 3,0	20,0 maximum	3,0 maximum
106	80,0 ± 3,0	---	---
150	65,0 ± 3,0	---	---
212	45,0 ± 3,0	---	---
300	0,0	---	---

Packaging

	Class 1	Class 2	Class 3
Container Size	2 kg Jar	2 kg Jar	2 kg Jar

- 1) Each product is shipped with related particle size distribution.
- 2) Prices are subject to change without notice.
- 3) PTI/fiatec has no return policy on all products.