

## ISO 12103-1 Arizona Test Dust Contaminants

### A1 Ultrafine and A3 Medium Grades

#### Typical Chemical Analysis

Chemical	% of Weight	Chemical	% of Weight
Silicon	69,0 - 77,0	Calcium	2,5 - 5,5
Aluminium	8,0 - 14,0	Magnesium	1,0 - 2,0
Iron	4,0 - 7,0	Titanium	0,0 - 1,0
Sodium	1,0 - 4,0	Potassium	2,0 - 5,0

#### ISO Test Dust Particle Size Distributions By Volume

Size [ $\mu\text{m}$ ]	ISO 12103-1, A1 Ultrafine (% less than)	ISO 12103-1, A3 Medium (% less than)
0,97	3,0 - 5,0	2,0 - 2,4
1,38	7,0 - 10,0	3,8 - 4,4
2,75	23,0 - 27,0	10,3 - 11,1
5,50	65,0 - 69,0	22,1 - 23,2
11,00	95,5 - 97,5	42,3 - 43,6
22,00	100,0	62,5 - 64,5
44,00	---	82,0 - 83,5
88,00	---	94,7 - 96,0
124,50	---	97,2 - 98,6
176,00	---	99,0 - 100
248,90	---	100,0

#### ISO Test Dust Particle Size Distributions By Volume

	ISO 12103-1, A1 Ultrafine	ISO 12103-1, A3 Medium
Container Size	500 g bag	---
Container Size	---	3,5 kg jar (gallon)

- 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.