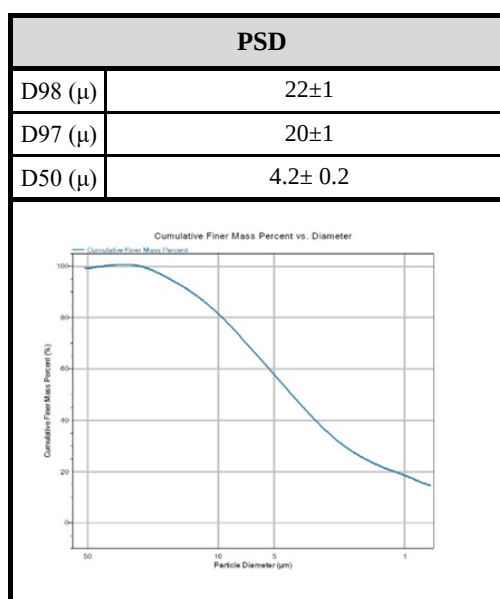


Technical Data Sheet

Appearance	Light, homogeneous, white or almost white powder
Solubility	Practically insoluble in water, in ethanol (96%) and in dilute solutions of acids
Identification A	By Infrared absorption spectrum of the substance being examined in potassium bromide dispersion should show absorption, bands at $3677 \pm 2 \text{ cm}^{-1}$, at $1018 \pm 2 \text{ cm}^{-1}$ and at $669 \pm 2 \text{ cm}^{-1}$
Identification B	A white, crystalline precipitated should be formed.
Identification C	The residue obtained in identification test B should give reaction of silicates.
Acidity or Alkalinity	Max 0.3 ml of 0.01 M sodium hydroxide is required to change the colour of the indicator to pink
Water-Soluble Substances	% max 0.1
Microbial Contamination	TAMC 10^3 cfu/g max, TYMC 10^2 cfu/g max,
Specific S/A	(3.0 - 6.0) M^2/gm
Asbestos	Free From Asbestos

Typical Chemical Properties %	
Aluminium	2% max
Calcium	0.9% max
Iron	0.25% max
Lead	10 ppm max
Magnesium	17.0 - 19.5 %
Loss on ignition @1050°C-1100°C	7%
Color	
(RY)	86 $\pm$ 1
(L*)	94.5 $\pm$ 1
(a*)	-0.03
(b*)	1.66
Packing	
25 Kg	Plastic/Paper Bags
1000 Kg	Jumbo Bags



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