



Quartz Powder (1/2)

GRADE	PI-325 # MESH	PI-300 # MESH	PI-200 # MESH
PHYSICAL PARAMETERS			
Natural Appearance	Snow White	Snow White	Snow White
Whiteness (%)	90 ± 1	90 ± 1	90 ± 1
Residue (%)	1.0 Max	1.0 Max	2.0 Max
L-Value	95 ± 1.0	95 ± 1.0	95 ± 1.0
A-Value	0.63	0.63	0.63
B -Value	2.42	2.42	2.42
Shrinkage (%)	0.5 Max	0.5 Max	0.5 Max
Temperature (oC)	1220	1220	1220
Cycle (Mins)	60	60	60



Quartz Powder (2/2)

GRADE	PI-325 # MESH	PI-300 # MESH	PI-200 # MESH
CHEMICAL PARAMETERS			
Loss of Ignition (%)	0.5 Max	0.5 Max	0.5 Max
SiO ₂ (%)	99.1 ± 0.5	99.1 ± 0.5	99.1 ± 0.5
Al ₂ O ₃ (%)	0.5 Max	0.5 Max	0.5 Max
Fe ₂ O ₃ (%)	0.05 Max	0.05 Max	0.05 Max
TiO ₂ (%)	0.04 Max	0.04 Max	0.04 Max
K ₂ O (%)	0.03	0.03	0.03
Na ₂ O (%)	0.036	0.036	0.036
CaO (%)	0.12	0.12	0.12
MgO (%)	0.04	0.04	0.04