

HiSil M

SPECIFICATIONS

PROPERTIES	UNIT	NOMINAL VALUE
Appearance	-	Snow White Free Flowing Powder
Behaviour Towards Water	-	Hydrophilic
Moisture (105 °C)	%	5 ± 1.5
Ignition Loss (900 °C for 2 hrs)	% max	6
Surface Area (BET)	m ² /gm	160 – 200
Average Particle Size	nm µm	Primary 12 – 14 Secondary 10 – 12
Water Absorption	%	240 – 260
Oil Absorption	%	235 – 255
Bulk Density	gm/cc	0.12 – 0.18
pH (2% Acq. Solution)	-	6.2 – 7.5
Residue on 300 mesh	% max	2.0
Specific Gravity	-	2 ± 0.02
Refractive Index	-	1.46
SiO ₂	%	98 – 99
Al ₂ O ₃	% max	0.2
R ₂ O ₃	% max	0.3
Fe as Fe ₂ O ₃	% max	0.3

PACKING

25 kgs bag

STORAGE

Practically unlimited stability under favorable transport/storage conditions