



SPECIFICATION

Product Code: 17938

Product Name : SILICON DIOXIDE

SiO ₂	M.W 60.08
Specific Surface Area (BET)	100 – 140 m ² /gm
Whiteness	102 - 104
Moisture Loss (2 Hrs / 105°C)	4 – 6 % by Wt
Ignition Loss (2 Hrs / 1000°C)	4 – 6 % by Wt
pH of 5% aqueous suspension	6.8 - 7.2
Water Absorption	270 – 300 % by Wt
Bulk Density	70 – 90 gms / lit
Sieve Residue (on 325 mesh)	1-2 % by Wt
Purity - Silica SiO ₂	98.00 % by Wt (min.)
Aluminium as Al ₂ O ₃	0.20 % by Wt (max.)
Sodium Sulphate as Na ₂ SO ₄	2.00 % by Wt (max.)
Iron as Fe ₂ O ₃	0.05 % by Wt (max.)
Copper & Manganese	5.00 ppm (max.)

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