



Anil Enterprises

DEALS IN : CHEMICALS, COLOURS & MINERALS

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Ref. No.....

Dated.....

Precipitated Silica

Grade Properties	Unit	MFIL / Aquagel
Appearance	--	Snow White Free Flowing Powder
Packing	Kg	8/12.5/25/ 20/ 15
Surface Area (BET)	m ² /gm	175
Moisture	% (max)	6.0
(at 105° C for 2 hr)		
Ignition Loss	% (max)	5.0
(at 1000° C for 2 hrs) on anhydrous basis		
Bulk Density (Packed)	gm/lit	80-120
pH(5% aqu. suspn.)	%	6.0-7.0
Residue on 325 Mesh (Wet Sieving)	% (max)	1.0
SiO ₂ on anhydrous basis	% (min)	98.50
Soluble Salts	% (max)	1.0
Iron Content	ppm (max)	200
Refractive Index Range	--	1.460
Transmission (at above RI)	% (min)	95
Average Particle Size, D50 (Malvern)	Micron	9.0-14.0
Total Heavy Metals (as Pb)	ppm (max)	15
Arsenic	ppm (max)	2
Oil Absorption	ml/100g min	260
Microbiological Analysis		
(1) TVC	cfu/gm	≤ 300
(2) Y&M	cfu/gm	≤ 10
(3) Gram Negative Bacilli	cfu/gm	≤ 10

Packing: 20 kg HDPE bags with inside liner