



# MANSIL-THK<sup>®</sup>

## THICKENING GRADE PRECIPITATED SILICA

### DESCRIPTION



ULTRA WHITE FINE MILLED POWDER HAVING EXCELLENT THICKENING PROPERTY RESULTING IN SUPERIOR ENHANCEMENT OF VISCOSITY OF THE PRODUCT.

### SPECIFICATIONS

Sr. No.	PHYSICO-CHEMICAL PROPERTIES	UNIT	TEST METHOD	MANSIL-THK
1	Appearance	**	Visual	White Fine Odourless Powder
2	Bulk Density (When packed)	gms/lit.	ISO 787/11	80 - 130
3	Moisture (at 105°C/2 hrs.)	%	ISO 787/2	6.0 Max
4	Ignition Loss (at 1000°C/2 hrs.) on anhydrous basis	%	ISO 3262/11	6.0 Max
5	pH (5% aqu. suspn.)	**	ISO 787/9	6.0 - 7.0
6	Avg. Particle Size, d-50 (Malvern)	Micron	ISO 13320-1	10.0 - 15.0
7	Residue on 325 Mesh (Wet Sieving)	%	ISO 787/7	1.0 Max
8	SiO <sub>2</sub> content on anhydrous basis	%	ISO 3262/19	98.5 Min
9	Soluble Salts	%	ISO 787/13	1.5 Max
10	Iron content (as Fe+3)	ppm	ISO 5794-1, Annex.c	300 Max
11	Refractive Index	**	**	1.460
12	Transmission (at above RI)	%	**	95 Min
13	Total Heavy Metals (as Pb) (as As)	ppm	ICP-AES	10 Max 2 Max
14	Sorbitol Absorption value (on dry basis)	ml/100 g	WI-QCP-XX	420 - 520
15	Microbiological Analysis (1) TVC (2) Y & M	cfu/gm cfu/gm	WI-QCP-XX	≤ 300 ≤ 100

\* Revision Date : 01.05.2020

Revision No : 01

APPLICATIONS : AS THICKENING AGENT FOR GEL / OPAQUE TOOTHPASTE FORMULATIONS

PACKING & LOGISTICS	GRADE	NET WEIGHT (KG)	SHIPMENT (MT)				
			TRUCK LOAD (MT)	CONTAINER LOAD			
				UN PALLETISED			PALLETISED
			20' FCL	40' FCL	20' FCL	40' FCL	
Laminated HDPE Bags with Inner LDPE liners	MANSIL-THK	20	7.0	5.0	11.0	3.84	9.60

Packing : Available in Paper bags, Jumbo bags & EVA bags can also be given as per customer requirement.

Remark : Work Instruction WI-QCP-xx covers Madhav Industries internal Test Methods



Block No. 395, Tejpur Road, At & Post - Martoli - 384430,  
Ta. : Jotana, Dist : Mahesana.  
Tel. No. +91-2762-225566, (M) 9687674740,  
Fax No. : +91 2762 225544  
E-mail : madhavind15@gmail.com

An ISO 9001:2015, ISO 22000:2005 Certified Company



Science in the service of Industry & Environment