



MANSIL-THK (G)[®]

FOOD GRADE PRECIPITATED SILICA

DESCRIPTION

ULTRA WHITE FINE MILLED POWDER HAVING EXCELLENT FLOW AND FILLER PROPERTY FOR USE AS SUPERIOR PRESERVATIVE AND PROCESSING AID IN FOOD PRODUCTS

SPECIFICATIONS

Sr. No.	PHYSICO-CHEMICAL PROPERTIES	UNIT	TEST METHOD	MANSIL-THK(G)
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	6.5 - 7.5
6	Avg. Particle Size, d-50 (Malvern)	Micron	ISO 13320-1	12.0 - 18.0
7	SiO ₂ content on anhydrous basis	%	ISO 3262/19	98.0 Min
8	Soluble Salts	%	ISO 787/13	2.0 Max
9	Iron content (as Fe+3)	ppm	ISO 5794-1, Annex.c	300 Max
10	Microbiological Analysis (1) TVC (2) Y & M	cfu/gm cfu/gm	WI-QCP-XX	≤ 300 ≤ 100
11	Sorbitol Absorption Value	ml/100 g	WI-QCP-XX	450 - 550

* Revision Date : 01.05.2020

Revision No : 01

APPLICATIONS : POWDERED / GRANULATED FOOD PRODUCTS

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(G)	20	10.0	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



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

