



# MANSIL-PRM<sup>®</sup>

(IP/BP/USP SILICON DIOXIDE)

PHARMACEUTICAL GRADE FOR PRECIPITATED SILICA



## DESCRIPTION

WHITE SPRAY DRIED MILLED POWDER HAVING HIGH PURITY  
& FINE PARTICLE SIZE FOR USE AS TABLETTING AID FOR PHARMACEUTICAL FORMULATIONS.

## SPECIFICATIONS

Sr. No.	PHYSICO-CHEMICAL PROPERTIES	UNIT	TEST METHOD	MANSIL-PRM
1	Appearance	**	Visual	White Fine Odourless Powder
2	Bulk Density (When packed)	gms/lit.	ISO 787/11	60 - 100
3	Moisture (at 105°C/2 hrs.)	%	ISO 787/2	2.0 Max
4	Ignition Loss (at 1000°C/2 hrs.) on anhydrous basis	%	ISO 3262/11	1.5 Max
5	pH (5% aqu. suspn.)	**	ISO 787/9	3.5 - 4.5
6	Avg. Particle Size, d-50 (Malvern)	Micron	ISO 13320-1	6.0 - 12.0
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	99.0 Min
9	Soluble Salts	%	ISO 787/13	1.0 Max
10	Iron content (as Fe+3)	ppm	ISO 5794-1, Annex.c	300 Max
11	Heavy Metals	ppm	ICP-AES	25.0 Max
12	Arsenic Content	ppm	ICP-AES	8.0 Max

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Revision No : 01

APPLICATIONS : AS TABLETTING AID IN PHARMACEUTICAL 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-PRM	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.

Testing : As per GMGB (Ref : ISO) Test Method - WI/QC/9.0/03



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

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