



# MANSIL<sup>®</sup>-185/185G

RUBBER GRADE PRECIPITATED SILICA  
(SPRAY DRIED POWDER / GRANULES)

## DESCRIPTION

HIGH SURFACE AREA, ULTRA WHITE SPRAY DRIED POWDER OR GRANULES  
HAVING EXCELLENT DISPERSION PROPERTIES RESULTING IN DESIRED  
REINFORCEMENT IN RUBBER COMPOUND

## SPECIFICATIONS

Sr. No.	PHYSICO-CHEMICAL PROPERTIES	UNT	TEST METHOD	MANSIL-185	MANSIL-185G
1	Appearance	**	Visual	White Spray Dried Powder	White Granules
2	Bulk Density (When packed)	gms/lit.	ISO 787/11	250 ± 30	330 ± 30
3	Moisture (at 105°C/2 hrs.)	%	ISO 787/2	6.0 Max	6.0 Max
4	Ignition Loss (at 1000°C/2 hrs.) on anhydrous basis	%	ISO 3262/11	6.0 Max	6.0 Max
5	pH (5% aqu. suspn.)	**	ISO 787/9	6.0 - 7.0	6.0 - 7.0
6	SiO <sub>2</sub> content on anhydrous basis	%	ISO 3262/19	98.0 Min	98.0 Min
7	Soluble Salts	%	ISO 787/13	2.0 Max	2.0 Max
8	Surface Area (BET)	m <sup>2</sup> /gm	ASTM-D1993	185 ± 10	185 ± 10
9	Iron content (as Fe+3)	ppm	ISO 5794-1, Annex.c	300 Max	300 Max

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APPLICATIONS : TYRES, RICE ROLLERS, CONVEYOR BELTS, HIGH PERFORMANCE SHOE SOLES ETC.

PACKING & LOGISTICS	GRADE	NET WEIGHT (KG)	SHIPMENT (MT)				
			TRUCK LOAD (MT)	CONTAINER LOAD		PALLETTISED	
				UN PALLETTISED	20' FCL		40' FCL
Laminated HDPE Bags with Inner LDPE liners	MANSIL-185	25	8/13.5	7.50	17.50	5.76	16.0
	MANSIL-185G	25	9/15	9.25	21.50	6.0	19.20

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



**GUJARAT MULTI GAS BASE CHEMICALS PVT. LTD.**

Opp. ONGC Colony, Palavasna, Mehsana-384003 (GUJARAT). INDIA

Tel. No. : +91 2762-225566, 225577

Fax No. : +91 2762-225544

E-mail : gujaratmulti@gmail.com Website : www.gmgbsilica.com

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