



MANSIL[®]-160/160G

**RUBBER GRADE PRECIPITATED SILICA
(SPRAY DRIED POWDER / GRANULES)**

DESCRIPTION

MEDIUM 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	UNIT	TEST METHOD	MANSIL-160	MANSIL-160G
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 ₂ 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 ² /gm	ASTM-D1993	160 ± 10	160 ± 10
9	Iron content (as Fe+3)	ppm	ISO 5794-1, Annex.c	300 Max	300 Max

* Revision Date : 01.04.2019

Revision No : 01

APPLICATIONS: TYRES, CONVEYOR BELTS, EVA FOOTWEAR, HAWAII CHAPPALS, STRAPS ETC.

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-160	25	8/13.5	7.50	17.50	5.76	16.0
	MANSIL-160G	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



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