



# AQSIL-DTG

DETERGENT GRADE PRECIPITATED SILICA

## DESCRIPTION

ULTRA WHITE FINE MILLED POWDER HAVING EXCELLENT ABSORPTION AND ANTICAKING PROPERTY.

## SPECIFICATIONS

Sr. No.	PHYSICO-CHEMICAL PROPERTIES	UNIT	TEST METHOD	MANSIL-DTG
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	9.0-14.0
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	98.0 Min
9	Soluble Salts	%	ISO 787/13	2.0 Max
10	Iron content (as Fe <sup>+3</sup> )	ppm	ISO 5794-1, Annex.c	300 Max
11	DBP Absorption Value (on dry basis)	ml/100 g	F/QC/9.0/03	240 Min

## Revision No : 01

APPLICATIONS : AS ANTICAKING FOR DETERGENT POWDER FORMULATIONS

PACKING & LOGISTICS	GRADE	NET WEIGHT	SHIPMENT (MT)				
			TRUCK LOAD (MT)	UN PALLETISED		PALLETISED	
				20' FCL	40' FCL	20' FCL	40' FCL
Laminated HDPA Bags with inner LDPE liners	AQSIL-DTG	20	7	5	11	3.84	9.6

**PACKING** : Availanle in Paper bags, Jambo & EVA bags can also be given as per coustomer requirement

**TASTING**: As per SHIVSHAKTI (Ref : ISO) Test Mrthod - WI/QC/9.0/03



### SHIVSHAKTI CHEMICALS

Mfg. of Precipitated Silica

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