

TECHNICAL DATA SHEET

PRODUCT : PRECIPITATED SILICA

GRADE : PSIL – TG

PROPERTIES	UNIT	TYPICAL PROPERTIES
APPEARANCE	-	FREE FLOWING WHITE POWDER
LOSS ON DRYING (2 hrs at 105° C)	%	6max
LOSS ON IGNITION (1 hr at 1000° C)	%	6 max
SILICA CONTENT (SiO ₂)	%	98.50 min
PH Value (5% aqueous solution)	-	6 – 7
PARTICLE SIZE (D50 Malvern Mastersizer)	µm	12 to 15
BULK DENSITY	gm/lit	80 –100
Water Absorption	%/min	280 min
Packaging	Kg	20 Kg

PSIL – TG Grade Precipitated Silica can be used

- As an anticaking agent in Food Powders, Pesticides, other Chemical powders.
- **As thickening agent in toothpastes, other formulations etc.**
- As a carrier in pesticide & agrochemical formulations.