

# APS MATSIL

## HIGH PERFORMANCE MATTING & THIXOTROPIC AGENT



APS MINERALS & ADDITIVES PVT LTD  
Creating Sustainable Solution for Betterment

### APS MATSIL

#### High Performance Matting & Thixotropic Agents

**APS MATSIL** -Matting agents are high performance silicas which are untreated or an organically modified, easy dispersible matting & thixotropic agents for variety of applications. Due to excellent suspension behavior these matting agents are suitable for clear coats and pigmented system.

They are also suitable for printing inks and construction chemicals due to its excellent flow property.

#### TYPICAL PROPERTIES

Particulars	Units	MATSIL 120	MATSIL 120 Plus	MATSIL 412	MATSIL 412 Plus
Appearance	-	Free Flowing White Powder			
Bulk Density	gm/lit	70 - 90	80 - 100	40 - 70	50 - 80
Oil Absorption	gm/100 gm	210 -260	200 -250	250 -300	210 -260
pH (5% Slurry)	-	6 - 8	6 - 8	6 - 8	6 - 8
SiO <sub>2</sub> Content based on ignited substance	%	Min. 98.0	Min. 98.0	Min. 98.0	Min. 98.0
Loss on Drying (at 105 °C for 2 hrs)	%	Max. 6.0	Max. 6.0	Max. 6.0	Max. 6.0
Average Particle Size	μ	8 - 12	8 - 12	3 - 5	3 - 5
Surface Treatment	-	-	Organic	-	Organic

#### ADVANTAGES:

- High Matting Efficiency
- Improve Film Forming Property
- Easy Dispersible
- Impart Excellent Flow
- Effective Anti-Settling Agent

#### APPLICATIONS:

- Printing Inks
- Solvent Based Paints & Lacquers
- Adhesive – sealants
- Powder Coatings
- Construction Chemicals
- Wood Coatings