

THE NEXT GENERATION OF OIL ABSORPTION

NATURESORB[®] & MICROSORB

Oil absorption is an important powder attribute to produce a balanced natural-looking and healthy complexion. Excess oil (sebum), left unchecked, leads to irritation, blackheads, acne and other skin imperfections. Naturesorb and Microsorb are transcendent oil absorption additives that not only have similar absorption to fumed silica, but also deliver significantly advanced performance in:

MATTING | IMPROVED TEXTURE | SOFT FOCUS | SEBUM/ACNE CONTROL

Whether it's being used in pressed or loose powders to provide a luxurious smooth and silky feel, or for stability in high oil containing emulsions, Naturesorb and Microsorb allow formulators to create flawless looking skin.

At a lower cost than industry standard additives, Naturesorb and Microsorb are unique combinations of polymers and inorganics that can be used at lower levels than other commonly used powders known to cause excessive drying of the skin.

If you prefer a natural option, Naturesorb 1000 gives comparable oil absorbency with improved dry binding properties. Microsorb 988S provides an ideal combination of high oil absorption and extremely efficient mattifying.

Product	Oil Absorption (g/1.00g)
✔ Naturesorb 1000	2.52
Microsorb 988S	2.92
Spherical Silica	0.60
Nylon 12	0.47
PMMA	0.40
Fumed Silica	4.20

Oil Absorption Values by Modified ASTM D281


✔ **Naturesorb 1000**
Carnauba Wax/Calcium Silicate

Microsorb 988S
Synthetic Wax/Calcium Silicate/Silica



See typical properties on reverse side

NATURESORB & MICROSORB TYPICAL PROPERTIES

PROPERTIES	TEST METHOD	 NATURESORB 1000	MICROSORB 988S
Composition (INCI Name)	IR	Copernicia Cerifera (Carnauba) Wax Calcium Silicate	Synthetic Wax** Calcium Silicate Silica
CAS No(s).		8015-06-9 1344-95-2	8002-74-2 1344-95-2 112945-52-5*
EINECS No(s).		232-399-4 215-710-8	232-315-6 215-710-8 262-373-8
Appearance	Visual	Off-White Powder	White Powder
Melting Point (°C)	ASTM D 127	83-86	110-114
Particle Size Analysis (Microtrac) Mean Particle Size (microns)	ASTM D 4464	27.0-31.0	22.0-30.0

REGULATORY INFORMATION

TSCA Registered

Heavy Metals: Pb < 10.0 ppm As < 3.0 ppm

Conforms to CONEG Regulations

* CAS No. 112945-52-5 is specific to amorphous silica with no crystalline content.

** Synthetic wax or paraffin are acceptable INCI names for CAS# 8002-74-2



MICRO POWDERS, INC.
High Performance Wax Additives