

Silica Beads from Mother Nature

Premium Silica

Grade	Descriptions	Particle size(μm)	Oil Absorption (cc/g)
SUNSIL-LUX150H	Nano Free Silica	13	1.4~2.1

Porous hydrophilic

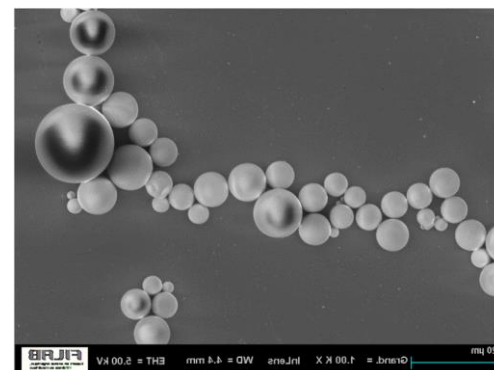
Grade	Descriptions	Particle size(μm)	Oil Absorption (cc/g)
SUNSIL-20	Porous Silica	2	0.9~1.3
SUNSIL-130L	Porous Silica	7	0.6~0.9
SUNSIL-130	Porous Silica	7	0.9~1.3
SUNSIL-130H	Porous Silica	7	1.3~1.7
SUNSIL-150H	Porous Silica	13	1.4~2.1

Porous hydrophobic

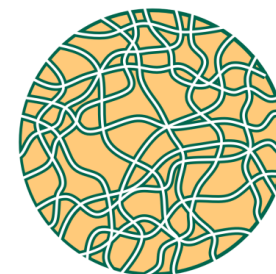
Grade	Interior & exterior treated by	Particle size (μm)	Oil Absorption (cc/g)
SUNSIL-OLEO20	Cetyl Alcohol	2um	0.9~1.3
SUNSIL-OLEO130	Cetyl Alcohol	7um	0.9~1.3
SUNSIL-OLEO150H	Cetyl Alcohol	13um	1.4~2.1

Non Porous hydrophobic

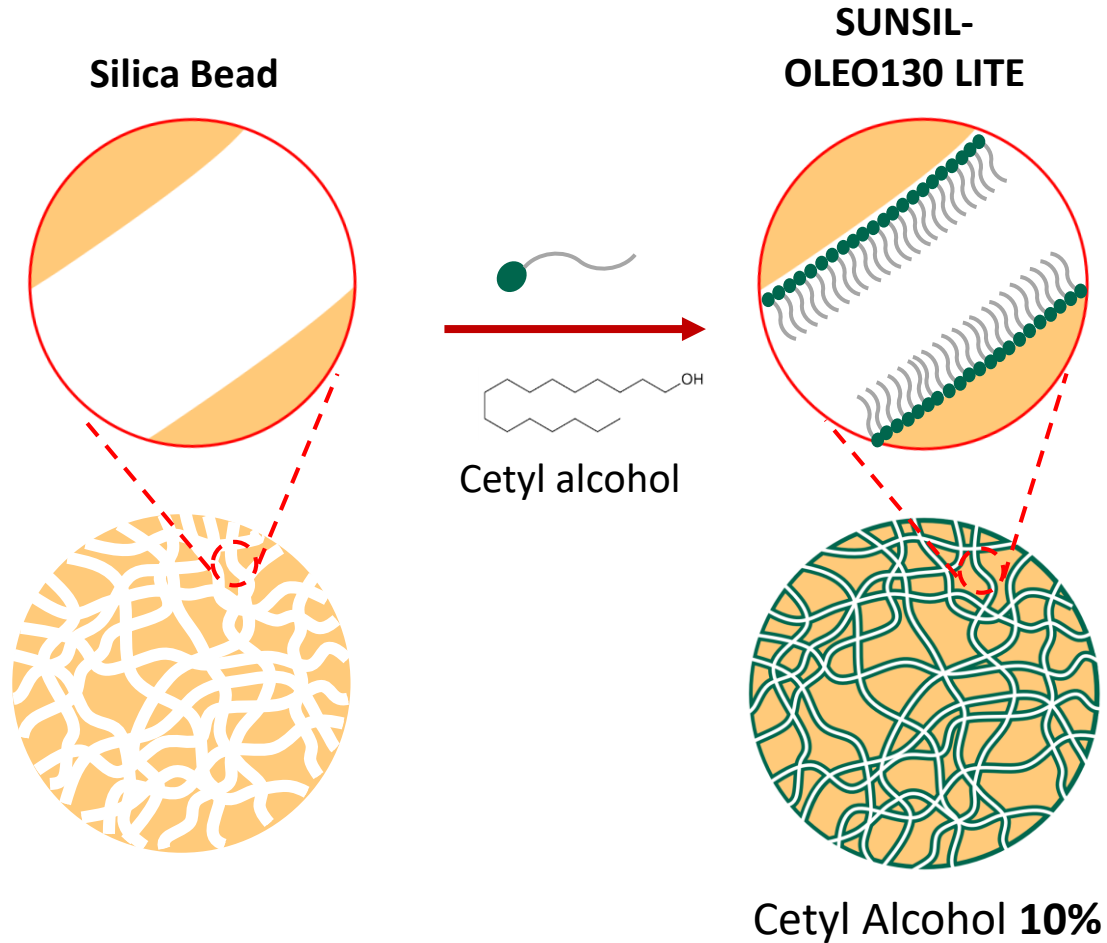
Grade	Descriptions	Particle size(μm)	Oil Absorption (cc/g)
SUNSIL-130NP	Non Porous Silica	7	0.3~0.6



“Nano Free”



SUNSIL-OLEO : Natural Lipophilic COSMOS Silica Bead



Silica bead with **Interior and Exterior surface** treated with Cetyl Alcohol to provide complete **hydrophobicity**

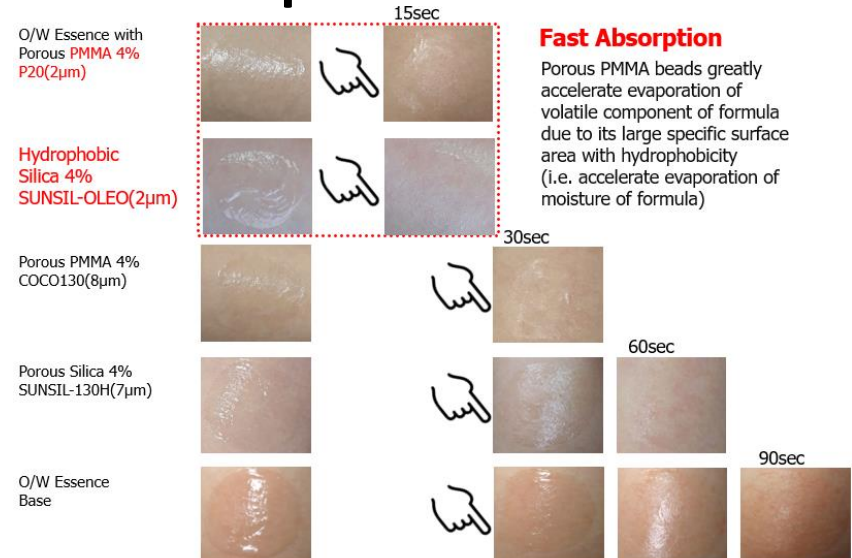
Why do you need SUNSIL- OLEO

especially in skin care?

Sebum Absorption



Fast Absorption



Benefits of **Lipophilic** Powder in Skin Care

1. Selective Sebum Absorption
2. Fast Absorption
3. Thickener Compatibility
4. Spread
5. No Balling up

Micro Plastic Replacement Proposal

SUNJIN, global major silica bead maker with proprietary surface treatment technologies
Offering various grades of silica beads

Micro Plastic Beads

Natural Micro Beads

SUNPMMA-S

INCI : Polymethyl Methacrylate
Oil Absorption : 0.45cc/g

SUNSIL-130NP

INCI: Silica
Oil Absorption : 0.45cc/g

SUNPMMA-P series

INCI: Methyl Methacrylate copolymer
Oil Absorption : 1.2 ~ 2.4cc/g

SUNSIL-OLEO Series

INCI: Silica & Cetyl Alcohol
Oil Absorption : 0.6 ~ 2.1 cc/g

SSP100

INCI : Dimethicone/Vinyl Dimethicone
Crosspolymer & Silica

SUNSIL-SILK & SUNSIL-150H

INCI: Silica & Trihydroxystearin / Silica

Nylon-12

INCI: Nylon-12

SUNSIL-SOFT

INCI: Silica & Trihydroxystearin &
Macadamia Ternifolia Seed Oil

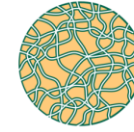


Silica Beads

Hydrophobic
Surface treated



SUNSIL-130SC

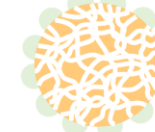


SUNSIL-OLEO

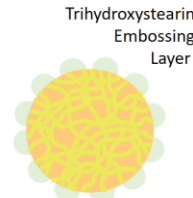
Plastic Beads
Replacement



SUNSIL-130NP
For Solid PMMA Replacement

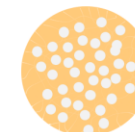


SUNSIL-SILK



SUNSIL-SOFT

TiO₂ internal
Composite



SH-219



SUNSIL-
TinnaturalWhite

- Various grades of Silica Beads with low oil absorption, external surface modification, internal surface modification
- **Global First & Only**