Sebum Adsorption Powder

T-HT D320

Product Features

- High oleic acid adsorption
- Oleic acid is selectively adsorbed
- Prevent shine and makeup collapse when formulating into powder foundation
- Can be used to improve the texture.

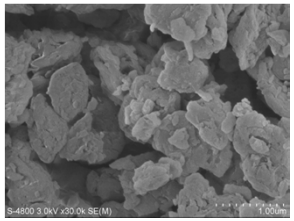
Composition

INCI CODE	%
MAGNESIUM/ALUMINUM/ZINC/HYDROXIDE/CARBONATE	60.0
P-ANISIC ACID	40.0

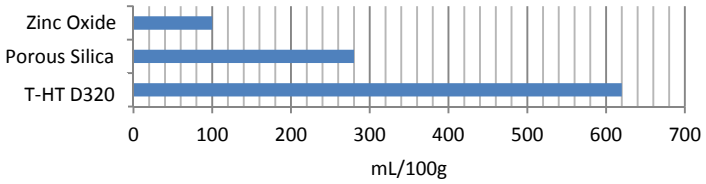
General Characteristic

Item	Representative value
Appearance	White Powder
pH (1wt%) in water	6.0
Loss on drying %	5.0
Bulk ml/g	5.0

SEM Image

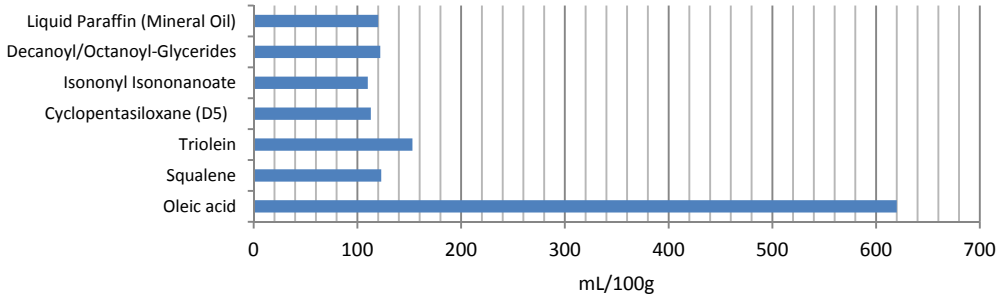


Oleic acid adsorption capacity



・Add test sample into 5mL of oleic acid ,and stir by magnetic stirrer.
・Measure the Limit weight of the sample that stirring is possible , and calculate oleic acid adsorption capacity.

Adsorption capacity with various oil



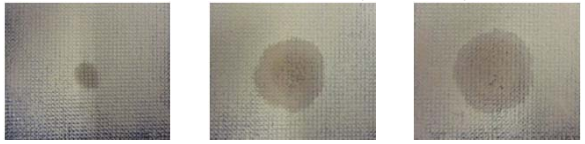
Oleic acid adsorption capacity under Powder Foundation

T-HT D320 | Porous Silica | Zinc Oxide

Immediately after the addition (Back side)

30min after the addition (Back side)

30min after the addition (Front side)



Powder Foundation Sample

Iron oxides	2.5
Mica	42.5
Talc	20.0
Nylon-6	5.0
Titanium Dioxide	8.0
Test Sample	10.0
Purified lanolin	2.4
Squalane	2.4
Decanoyl/Octanoyl-Glycerides	1.8
Triethylhexanoin	1.8
Diphenyl Siloxy Phenyl Trimethicone	3.6

・Powder foundation sample is coted on the front side of Surgical Tape with finger. (2.0mg/cm²)
・20mg of oleic acid is added on the reverse side of Surgical Tape.
・Check the change of appearance on the both side of Surgical Tape .

Evaluation point : The degree of spreading of oleic acid
small : good
wide : poor

TAYCA

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