



BTMS50

Product Description:

BTMS50 is a behenyl (C22) cationic quaternary ammonium salt conditioning emulsifier. As a C22 methyl sulfate quaternary ammonium salt, it is more hydrophobic in nature, and it is easier to deposit positive cationic terminals and lipids on the hair than the conventional C18 quaternary ammonium salt, thereby providing better conditioning performance. At the same time, the hydrophobicity and deposition behavior of BTMS-50 make the product have excellent dry hair combability. It does not need to be deposited with other polymer quaternary ammonium compounds but also has excellent conditioning properties, and the formulation is convenient for application. BTMS50 as a basic emulsifier and conditioner has a wide range of applications in hair care and skin care.

INCI Name (US):

Behentrimonium methosulfate/Cetearyl alcohol/Butylene Glycol

Physico-Chemical Properties:

Appearance	White to slightly yellow particles
Quaternary %	53.0-57.0
Free amine %	≤0.8
PH Value (1.0%)	4.0-7.0

Characteristics:

Substantive to hair and skin

Confers excellent wet comb ability

Outstanding conditioning agent

Improved mildness/reduced irritation potential

Low CMC



Primary emulsifier

Thickening agent/stabilizer

Vegetable-derived

Application:

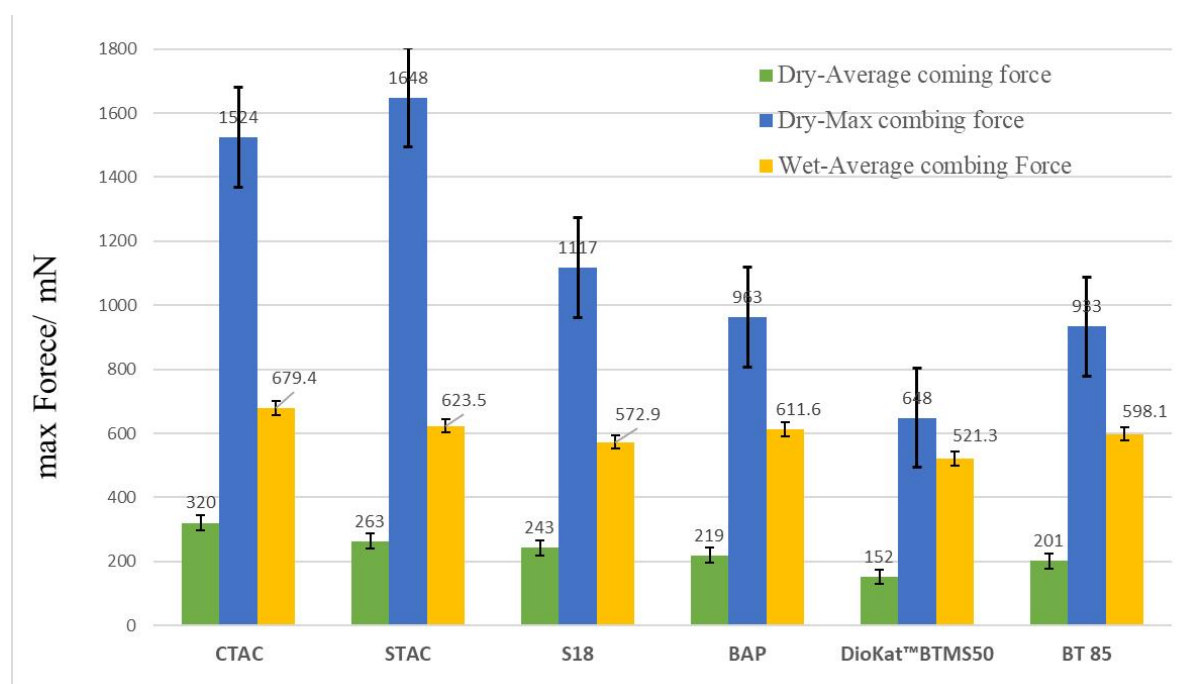
*Shampoo products: reference dosage: 0.10-0.50%

*hair care products: reference dosage: 1.0-10.0%

*Perm products: Reference dosage: 1.0-4.0%

Performance:

Effectively improve the combability of wet and dry hair, enhance softness, and have good antistatic properties.



Dry and wet combability test for mildly damaged hair

Packaging and storage:

20kg/paper drum

Storage: Keep in a ventilated, cool place.