



## Kostol Natural E, BAQ, IBT, PGP, and TBP

Kostol Natural E is an emulsifying wax based on high molecular weight, naturally derived compounds.

Kostol BAQ is a blend of high molecular weight fatty alcohols possessing strong emulsifying properties when combined with Quats and Beheneth-5.

Kostol IBT is an emulsifying wax based on quaternary ammonium salt.

Kostol PGP is an emulsifying wax based on a low HLB blend of high molecular weight compounds that is good for O/W and W/O emulsions.

Kostol TBP is an emulsifying wax based on a blend of high HLB surfactants into behenyl alcohol.

### Applications:

Hair Care, Conditioners, and Straighteners; Pomades, Body Washes, Sunscreens, After Sun Care, Creams, Lotions, Make-ups, and Mascaras.

### Advantages:

These emulsifiers produce thick and creamy emulsions that feel light and hydrating on the skin with 3-5% usage levels in water.

### Regulatory:

Kostol Natural E

INCI Name: Behenyl Alcohol, Polyglyceryl-3 Stearate

CAS#: 661-19-8, 37349-34-1

Kostol BAQ

INCI Name: Behenyl Alcohol, Dihydroxypropyl PEG-5 Linoleammonium Chloride, Beheneth-5, Behenoyl PG-Trimonium Chloride

CAS#: 661-19-8, 168677-75-6, 136207-49-3, 69537-38-8

Kostol IBT

INCI Name: Cetearyl Alcohol, Behentrimonium Methosulfate

CAS#: 67762-27-0, 81646-13-1

Kostol PGP

INCI Name: Polyglyceryl-3 Stearate, Beheneth-5

CAS#: 37349-34-1, 136207-49-3

Kostol TBP

INCI Name: Behenyl Alcohol, Polyglyceryl-3 Stearate, Beheneth-5, PEG-40 Hydrogenated Castor Oil

CAS#: 661-19-8, 37349-34-1, 136207-49-3, 61788-85-0

Wax#	Wax Name	Melting Point	Acid Value	Saponification Value	pH (3% in Boiling Water)	Color
414	Kostol Natural E	55 - 70°C	<5	65 - 95	3.5 - 7.0	White to Light Tan
268	Kostol BAQ	60 - 70°C	<5	<40	5.5 - 7.0	White to Off-White
483	Kostol IBT	60 - 70°C	<5	<10	5.0 - 7.0	White to Light Tan
402	Kostol PGP	75 - 95°C	<5	85 - 105	3.5 - 7.0	Off-White to Light Brown
403	Kostol TBP	65 - 75°C	<5	<40	3.5 - 7.0	White to Off-White

Specific waxes that are most appropriate for this category have been highlighted here