

FEATURES:

TEMEST T20 is Coco-Caprylate/Caprate ester, a natural based Emollient. ECOCERT approved.

Fast spreading. Non-oily skin feel. Its non-oily character and excellent compatibility make it the right choice for a wide range of personal care and cosmetic products. Particularly suitable for sun care formulations due to its outstanding solubilizing capacities for crystalline UV filters and dispersing properties for pigments. Beside this it supports the cleansing efficacy of emulsion based face care cleanser in a positive way.

TEMEST T20 is the vegetable alternative to silicon oils. Particularly recommended to replace cyclomethycones and alkanes to obtain elegant and light skin feel in all cosmetics formulations, including:

- Sun care
- Color cosmetics
- Skin care
- AP - Deodorants
- Body care
- Hair care

PROPERTIES	TYPICAL VALUES
INCI	Coco-Caprylate/Caprate
Appearance	Clear low viscosity liquid
Colour @25°C (APHA)	50 max
Odour	Bland
Ester content (%)	99 min
Acid Value (mgKOH/g)	0,2 max
Density @25°C (g/cm³)	0,85 - 0,86
Viscosity @40°C (mPa*s)	15 - 20
Refractive index @25°C	1,442 - 1,446
Water (%)	0,1 max
Free alcohol (%)	0,5 max

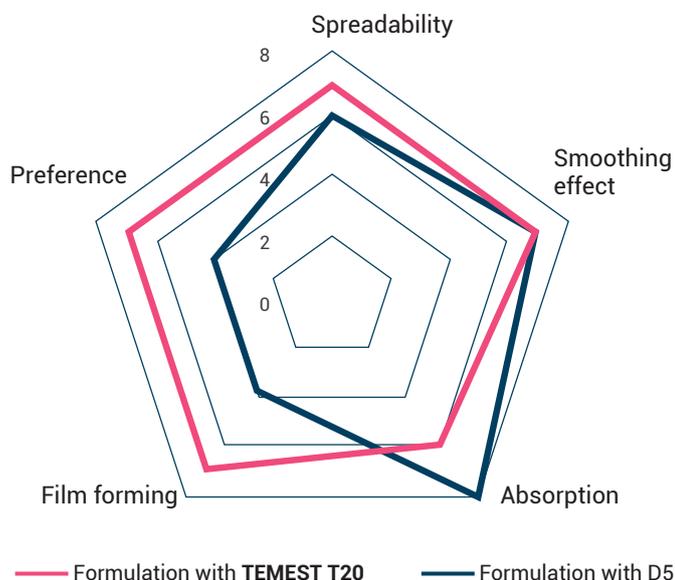
APPLICATION

- Natural cosmetics
- Color cosmetics
- Sun care
- Hair care
- Skin care

BENEFITS

- 100% vegetable origin
- Wetting, pigment dispersant
- UV solubilizer, dispersant
- Light and shine appearance
- Texture improver, super fattening

Results of comparison of TEMEST T20 with Cyclomethicone D5 in O/W cream



TEMEST T20 demonstrates several advantages vs Cyclomethicone in terms of cosmetics performance. Apart from the natural benefit, it improves the skin feel and meets the appeal of the consumers.

PERFORMANCE AND RECOMMENDATIONS

- 100 % Natural
- High level of skin tolerance
- Flash point >140°C
- Medium polarity
- Good wetting ability
- Easier to emulsify vs cyclomethicone and alkane alternatives

Thanks to its relative low flash point it rapidly fades away, leaving a very soft and dry skin feel.

FORMULATION

- Natural and vegan cosmetics
- Liquid foundation
- Hair conditioners
- Sunscreen lotions
- Skin care

DOSAGE

- 1-30%
- 5-8%
- 1-2%
- 3-10%
- 3-10%

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