

FVC-DP20 (Viscocare-DP20F)

CHARACTER

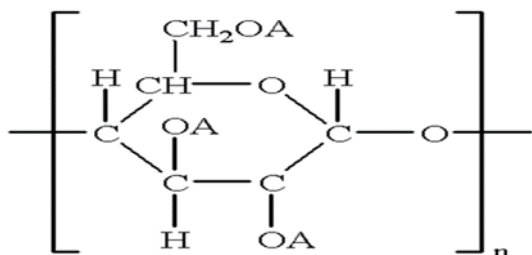
- FVC-DP20 is an organic compound, usually appearing as a light yellowish powder, from palmitic acid(from palm oil) and dextrin(carbohydrates produced by enzymes from tapioca)
- FVC-DP20 is excellent in the effects of improving the spreadability of cosmetics, stabilizing emulsification, and improving the feel of wax.
- FVC-DP20 used in the pharmaceutical, food and cosmetic industries.
- FVC-DP20 acts as a thickener, emulsifier and surfactant.

APPLICATION

- Film forming agent, thickening agent
- Creams, Lotions & Gels
- Decorative cosmetics/Make-up
- Skin care(Facial, Body, Baby)
- Sun care(Sun protection, After-sun & Self-tanning)
- Oil based gel

COMPOSITION

- Classification : Synthetic polymer



- INCI Name : Dextrin palmitate
- CAS No. : 83271-10-7
- EINECS No. : N/A
- CHINA : 糊精棕榈酸酯

SPECIFICATION

No	Inspection	Unit	Specification
1	Appearance	-	Light yellow-brown powder
2	Dry loss	%	1.0 max
3	Residue on ignition	%	0.3 max
4	Acid value	mgKOH/g	7.0 max
5	Gel strength	g	170 ~ 250

Typical Characteristics

- Solubility : Hydrocarbons, Esters, Triglycerides, Vegetable Oils
- Packaging unit : 20KG/ PE drum
- Self life: 3 years (as unopened)
- Proper storage temperature: Indoor storage below 35°C without direct sunlight
- Please refer to the COA and MSDS for more details

The information contained herein is for informational purposes only and is provided for informational purposes only, on the express condition that users make their own assessments of appropriate use. Please refer to the COA provided with the product for exact data

FVC-DP20 (Viscocare-DP20F)

Function

- Emulsion stabilizing : helping the process of emulsification and improving emulsion stability and self-life
- Viscosity controlling : increasing or decreasing the viscosity of cosmetic
- Surfactant
- Emulsifier
- Gelling agent for liquid paraffins, higher alcohols, esters
- Oil phase stabilizer for O/W,W/O emulsion systems
- Uniformly dispenses dyes

Together with its gelling properties of various hydrocarbons and esters, Dextrin palmitate provides excellent stability in emulsions.

Stable oil gels can be easily obtained by dissolving dextrin palmitate at low temperatures of 85~90°C, and cooled without stirring.

It gives a clear transparency that can be expected when using a conventional wax to increase the pearl effect of organic pigments, inorganic pigments and pearl powder.

It gives chromaticity and gives a soft feeling of use, adhesion and excellent gloss.

Water/Silicone에 멸전의 안정화

No	원료	w/w %
1	FVC-DP20	2
2	Cyclomethicone	20
3	Isotridecyl isononanoate	5
4	Polyoxyethylene Methylpolysiloxane copolymer	2
5	NaCl	1
6	DI-water	63
7	1,3-BG	7
Total		100