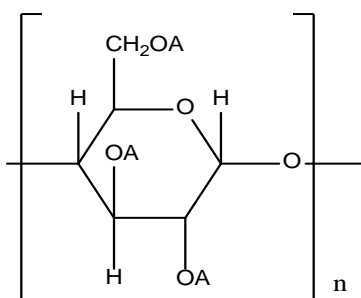


Technical Data Sheet

Sungel DXP

Dextrin Palmitate

CAS# 83271-10-7



Mol. wt. 895.38

Formula C₅₄H₁₀₂ O₉

Feature

- Oil thickening agent
- Improve the dispersion of pigment
- Improve the stability of emulsion
- Modify the texture of wax

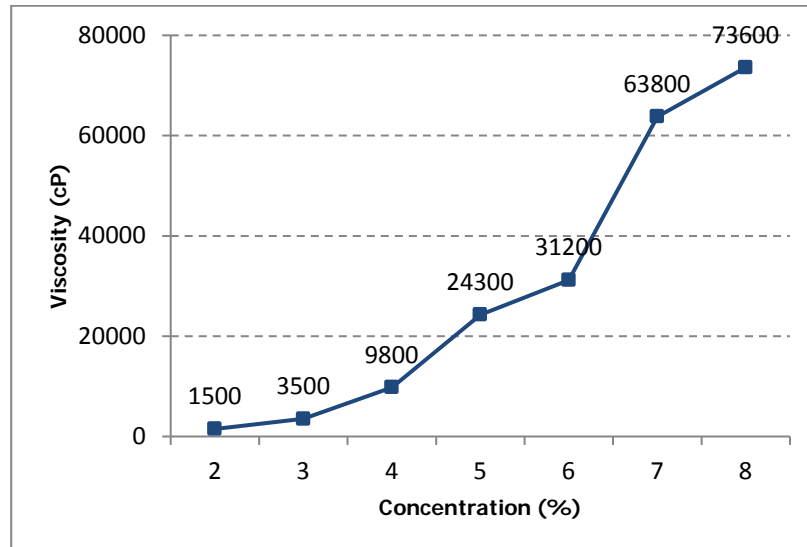
Description

Sungel DXP is polymeric ester of saccharides and fatty acids. It has excellent effective function for providing high viscosity to oil solution and modifying the pigment dispersion & emulsion stability. It can also improve spreadability of make-up products.

Specifications

| Item | Specification |
|-------------------------|------------------------------------|
| Appearance | White to light yellow-brown powder |
| Identification | Meet the requirement |
| Loss on drying (%) | ≤ 1.0 |
| Residue on ignition (%) | ≤ 0.3 |
| Acid Value (mg KOH/g) | ≤ 7.0 |
| Pb (ppm) | ≤ 20 |
| As (ppm) | ≤ 10 |
| Sb (ppm) | ≤ 10 |
| Cd (ppm) | ≤ 5 |
| Hg (ppm) | ≤ 1 |
| Ni (ppm) | ≤ 1 |

Viscosity Data



Application

Lip gloss, Lip stick / Eyeliner, Mascara / Foundation / Sunscreen / Skin care products

Storage

Store in a cool and dry place. Keep container closed when not in use.

Shelf Life

2 years