

Technical Data Sheet

SABODERM PDA

TITLE

Trade name	SABODERM PDA
Description	Natural derived polymer

COMPOSITION

CAS number	1110650-80-0
Chemical name/ description	9,12-Octadecanoic Acid (9Z, 12Z), dimer polymer with 1,3 Propanediol
INCI / CTFA name	DILINOLEIC ACID/PROPANEDIOLCOPOLYMER

TECHNICAL PROPERTIES

Appearance	Clear / Slightly Hazy liquid
Colour (Apha)	100 max.
Hydroxyl value	60 - 80
Refractive index (20°C)	1.4780 - 1.4820
Saponification value	165 - 185
K.F. Water	0.1 max.
Viscosity (40°C)	3300 - 4500
Acidity value	1.0 max.

OTHER TYPICAL PROPERTIES

STORAGE AND STABILIZATION

Handling and storage	Store in a dry, cool and well-ventilated place. Do not store together or in the vicinity of incompatible materials .Keep the packaging dry and well closed, to avoid contamination and moisture absorption.
Shelf life	24 months

GUIDELINES FOR USE

Clouding due to cold temperatures is possible. In this case, the product has to be homogenized before processing.

FEATURES

Polymer with film forming and plasticizer properties.

APPLICATION

Colour cosmetic like lipsticks, lip balms and other lip products.

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