

Aako PHST

Polyhydroxystearic acid

Description

Aako PHST is excellent dispersant of mineral filters.

The material is a viscous liquid, which can slowly crystallize to a waxy solid. The wax can be molten at about 70 – 80 °C.

It can be used in combination with AakoSun ZnO and AakoSun TiO2 grades in cosmetic emollients to make highly active dispersions.

▪ Chemical name	12-hydroxystearic acid polymer
▪ INCI name	Polyhydroxystearic acid
▪ CAS number	27924-99-8

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Typical properties

Appearance	Amber to brown viscous liquid or waxy solid
Pour point	About 25°C
Acid Value	30 – 40 mg KOH/g
Coulor Gardner	< 14
Density	0.90 – 0.95 (g/mL)
Non-volatile matter	≥ 98%

Storage:

Store under dry conditions in full tightly closed containers. Retest date of 3 years from the date of manufacturing when kept in closed container and away from heat.