

Resense PGL

INCI Name:

Propylene Glycol Laurate

CAS Number: 142-55-2

General Information:

Resense PGL is a non-ionic surfactant with emulsifying, lubricating, moisturizing and thickening properties. It has high thickening effect on amino acid surfactant system and sodium laureth sulfate (AES) system. It can be used in transparent system and make hair and skin moisturizing. It can improve the dry feeling and hard appearance of the soap base, making the finished product smooth. In addition, it can also enhance the foam texture, providing creamy and dense foam. It is widely used in facial cleanser, cream, lotion, shampoo and shower gel.

Specification:

Item	Specification
Appearance (25°C)	Colorless to yellowish liquid
Color (Hazen) max	30
Saponification value (mg KOH/g)	190-220
Residue on ignition (%) max	0.15

* These values indicate typical specification; they are not intended to be used as product specifications.

Benefits:

- Improves the cleaning ability of products

- Gives hair and skin moisturizing feeling
- Improves the texture of foam, providing creamy and dense foam
- Shows high thickening effect on amino acid surfactant system and sodium laureth sulfate (AES) system.
- Improves the dry feeling and hard appearance of the soap base

Application:

- Cream, emulsion
- Cleansing mask
- Facial Cleanser
- Shampoo
- Shower Gel

Dosage:

0.5-10.0%

Storage & Handling:

Standard Packing:

25kg / drum

Storage: Keep in cool, dry, ventilated and lightless place. Attention: Crystallization may occur at low temperature. It can be dissolved evenly by heating, which will not affect the performance.

Shelf Life: 24 months

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