

CONDITIONING PROTEIN · CATIONIC KERATIN

ASIRAW KERAPLEX 160

INCI NAME

Hydroxypropyltrimonium Hydrolyzed Keratin

PACKING

25 kg / barrel

◆ GENERAL INFORMATION

ASIRAW KERAPLEX 160 is a cationic hydrolysed keratin obtained by quaternisation, combining the moisturising and film-forming properties of keratin with the conditioning and substantivity of a quaternary ammonium. Its affinity for hair and skin is markedly higher than that of plain hydrolysed keratin. It replenishes protein and lipids, repairs damaged hair and enhances shine and smoothness, while its stable water solubility improves the performance of rinse-off products.

◆ SPECIFICATION

PARAMETER	TYPICAL VALUE
Appearance	Clear amber liquid
Color (Gardner)	≤ 20
pH (1.0 % solution)	4.0 – 7.0
Dry residue (% w/w)	≥ 46.0

* Typical values for guidance only — not to be used as product specification.

◆ COMPOSITION

INCI NAME	CAS NO.	CONTENT %
Hydroxypropyltrimonium Hydrolyzed Keratin	—	≥ 42.0
Hydrolyzed Keratin	69430-36-0	≤ 4.0
Water	7732-18-5	53.2 – 53.4
Phenoxyethanol	122-99-6	0.6 – 0.8

◆ KEY BENEFITS

- High hair affinity across a wide pH range
- Repairs damaged hair, boosts moisturisation
- Improves shine, texture and combability
- Good alcohol tolerance
- Compatible with anionic and amphoteric surfactants, suitable for clear products
- Mild, non-irritating

◆ APPLICATIONS

Shampoos

Conditioners

Hair sprays

Styling

Hair colour & perm

Body wash

◆ DOSAGE

0.20 – 3.50 % Recommended use level

◆ STORAGE & HANDLING

Standard packing 25 kg / barrel

Storage Store in a cool, dry and well-ventilated place, away from direct light. Keep container tightly closed.

ASIRAW · Cosmetic & Dermo-Cosmetic Ingredients

Blue Peak Supply Chain Management (Zhuhai) Co., Ltd.
Room 1615, Xiangshan Chang (Zhuhai Media Group), No. 566
Yinhua Road, Xiangzhou District, Zhuhai, Guangdong, P.R. China



T +86 152 1716 6607
E contact@asiraw.com.cn
W www.asiraw.com.cn

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