

HAIR STYLING GEL PHG-2

A hair styling gel blending amino acids which repair hair damage:

PRODEW 500 imparts hair luster and smoothness to the hair and leaves excellent conditioning effects after washing off. (Technical Data Sheet No.1002-0470E)

	(wt%)	
A HYDROXYETHYLCELLULOSE *1	0.1	Thickening Polymer
B WATER	9.9	
C ACRYLATES/C10-30 ALKYL ACRYLATE CROSSPOLYMER *2	0.7	Thickening Polymer
D WATER	34.3	
E PVP *3	1.0	Styling Agent
PVP/VA COPOLYMER *4	2.0	Styling Agent
F ETHANOL	22.0	
G PRODEW 500 (50%)	1.0	Moisturizer, Conditioning Agent
GLYCERIN	2.0	Moisturizer
PEG-40 HYDROGENATED CASTOR OIL *5	0.2	Solubilizing Agent
AMP	0.6	pH Adjuster
WATER	Balance	
	100.0	

- 1 A is dispersed in B.
- 2 C is dispersed in D.
- 3 Add E to F and dissolve E completely.
- 4 Mix part G as another part.
- 5 Add G to (E+F) with stirring.
- 6 Add (A+B) to (E+F+G) little by little with stirring.
- 7 Add (C+D) to (A+B+E+F+G) little by little with stirring.

- * 1 CELLOSIZ QP 30000H Dow Chemical
- * 2 Carbopol ETD2020 Lubrizol
- * 3 PVP K-30 Ashland
- * 4 PVP/VA S-630 Ashland
- * 5 NIKKOL HCO-40 Nikko Chemicals

pH 7.0

Viscosity 10,000~ 30,000 mPa·s (B-type, rotor No.4, 12r.p.m., 30sec, 25oC)

Stability 50°C, 25°C, 0°C, -5°C, Cycle(-5°C~40°C) for 3 Months

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