Plascize L-series
Goo Chemical Co., Ltd

Plascize L-series

Plascize L-series are acrylic polymers developed by Goo Chemical and designed especially for hair setting resins. Anionic references are clear yellowish viscous alcoholic solutions.

Plascize L-series are neutralized carboxyl groups with 2-amino-2-methyl-1-propanol (AMP). The films of Plascize L-series are less hygroscopic and always keep hair in a non-tacky state, even under high humidity and high temperature.

Properties

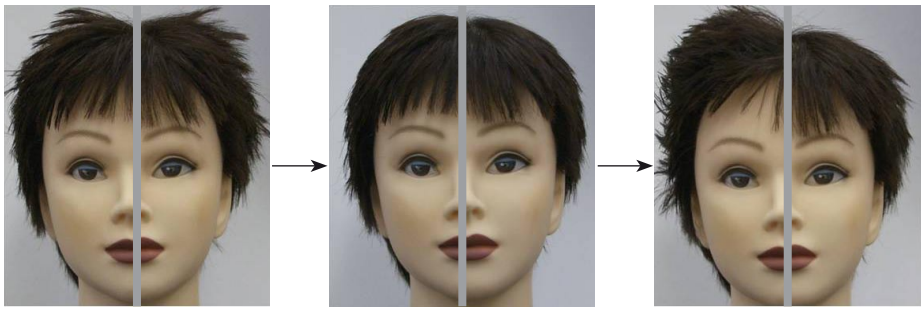
- Creates a crystal-clear and dry touch film
- Gives hair excellent gloss
- Powerful setting even under high humidity and high temperature
- Excellent holding power
- Washes out very easily

Typical properties

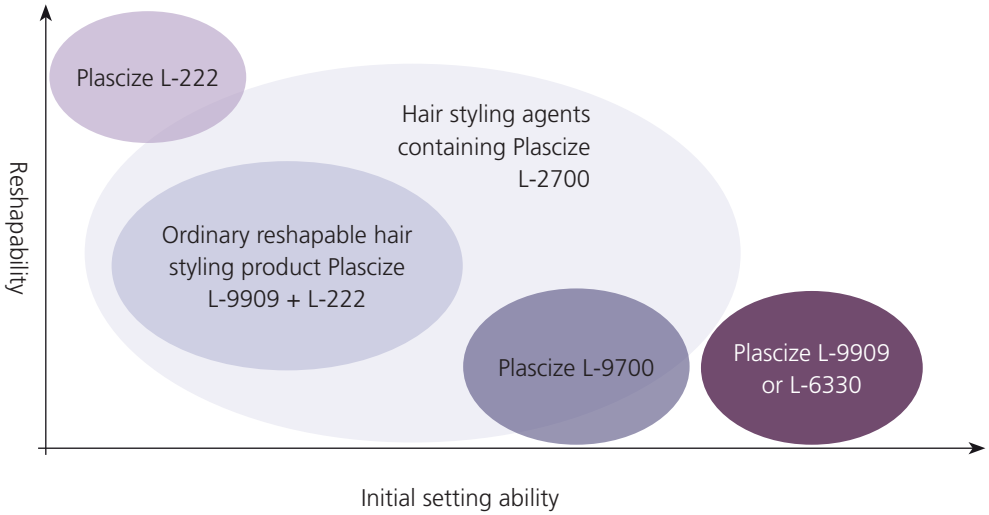
Product	Solvent	INCI composition	Properties	Viscosity	Ionic type
Plascize L-9909U	Alcohol	AMP-Acrylate/C1-18 Alkyl Acrylates/C1-8 Alkyl Acrylamide Copolymer	The reference for aerosol ultra-hard spray (soluble in LPG) easy wash-out	3000 mPa.s	Anionic
Plascize L-9540U	Alcohol	AMP-Acrylates/Diacetoneacrylamide Copolymer	For hard setting aerosol spray (soluble in LPG)	3000 Pa.s	Anionic
Plastice L-8066U	Alcohol	AMP-Acrylates Copolymer	The economic version of Plascize L -9909U (soluble in LPG)	20000 mPa.s	Anionic
Plascize L-6330U	Alcohol and water	AMP-Acrylates/Diacetoneacrylamide Copolymer	Special for hair mousse and mist, hard setting with a dry touch (soluble in water)	400 mPa.s	Anionic
Plascize L-222	Alcohol	Hydroxyethyl/Methoxyethyl Acrylate Copolymer	Hair liquid base, oil agent or plasticizer avoid plug-hole of aerosol-spray nozzle by hard polymers	6000 mPa.s	Nonionic
Plascize L -440	Alcohol and water	Polyquaternium-49	Silicone alternative on hair	400 mPa.s	Cationic
Plascize L -450	Alcohol and water	Polyquaternium-48	Easy combing, no build-up, moisturizing hair with little hair setting, for shampoo and conditioner	2500 mPa.s	Cationic

Plascize L-2700

Plascize L-2700 is a unique, new non-ionic acrylic resin specifically designed for reshapable hair styling compositions. Because the dissolubility to water and ethanol is good, and the dissolubility to LPG is high, Plascize L-2700 can be added to multiple hair cosmetics. The hair setting achieved using Plascize L-2700 is superior to non-ionic acrylic oligomers, due to the film type formed.



L-2700 Benchmark — Just after styling
L-2700 Benchmark — In 8 hours after styling
L-2700 Benchmark — After restyling

Typical properties Plascize L-2700

Product	Solvent	INCI composition	Properties	Viscosity	Ionic type
Plascize L-2700	Alcohol	Dimethyl Acrylamide/Hydroxyethyl Acrylate/Methoxyethyl Acrylate Copolymer	Unique very soft non-ionic, soft sticky polymer for reshapable hair setting	5000–14000 mPa·s	Nonionic
Plascize L-2700	Butylene glycol	Dimethyl Acrylamide/Hydroxyethyl Acrylate/Methoxyethyl Acrylate Copolymer	Unique very soft, non-ionic polymer for skin-care, wrinkle reduction	20000 mPa·s	Nonionic