PROTAMER™

THICKENING AGENTS AND RHEOLOGY MODIFIERS

Protameen	INCI	Fact	Products
Protamer C-934	Carbomer	Go-to industry standard, high viscosity, short flow, opaque	Lotions, Creams, Color Cosmetics
Protamer C-940	Carbomer	Go-to industry standard, high viscosity, short flow, clear	Clear Gels, Lotions, Creams, Styling Products, Color Cosmetics, SPF
Protamer C-941	Carbomer	Go-to industry standard, low viscosity, long flow, clear	Clear Gels, Lotions, Creams, Sprays
Protamer C-980	Carbomer	High viscosity, short flow, clear, No Benzene	Clear Gels, Lotions, Creams, Styling Products
Protamer C-981	Carbomer	Low viscosity, long flow, clear, No Benzene	Clear Gels, Lotions, Creams, Sprays
Protamer C-2020	Acrylates/C10-30 Alkyl Acrylate Crosspolymer	Rheology, Viscosity Increasing, Emulsion Stabilizer	Self-wetting, high clarity, high viscosity
Protamer Z-10	Carbomer	Self-wetting, high clarity, medium flow, high viscosity	Clear Gels, Surfactant Systems, Lotions, Creams
Protamer Z-20	Acrylates/C10-30 Alkyl Acrylate Crosspolymer	Self-wetting, high clarity, medium visocisty, electrolyte tolerance	Clear Gels, Lotions, Creams, Mild Cleansers, Styling Products, SPF
Protamer Z-21	Acrylates/C10-30 Alkyl Acrylate Crosspolymer	Self-wetting, thickening and high stabilization, works with alcohol and water	Clear Gels, Hydroalcoholic Gels, Lotions, Creams, Sprays, SPF
Protamer LG-1	Acrylates Copolymer	Liquid polymer, pH flexible, clear, enhances pearl and mica in surfactant systems	Clear Gels, Surfactant Systems, Lotions, Creams, Conditioners, High Electrolyte Systems
Protamer PE-1	Acrylates/C10-30 Alkyl Acrylate Crosspolymer	Stabilizes oil in water systems with up to 20% oil	Emulsion Systems, moderate oil content
Protamer PE-2	Acrylates/C10-30 Alkyl Acrylate Crosspolymer	Stabilizes oil in water systems with up to 50% oil	Emulsion Systems, high oil content

PROTAMER Z – Formulation Tips

Meter room temperature water into main vessel
Slowly sprinkle PROTAMER Z across the top, without agitation
PROTAMER Z* will hydrate on its own based on time frame on COA

Carbomer

Acrylates/C10-30 Alkyl Acrylate Crosspolymer

Acrylates Copolymer

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