

Rheopearl Series

Dextrin or Inulin Fatty Acid Esters. Oil gels with an elegant feel!

The unique properties of Rheopearl Series:

- Ability to produce highly transparent and hard white gels
- Rheological modification
- Emulsion stabilization
- Pigment dispersion aid

Rheopearl series is synthesized by reacting dextrin with acyl chlorides, and has been used as an oil gelling agent since the early 1970's in Japan. Together with its gelling properties of various hydrocarbons and esters, Rheopearl series provides excellent stability in emulsions. Stable oil gels can be easily obtained by dissolving Rheopearl at raised temperatures, and cooled without stirring. The gel strength varies depending upon the acyl groups on the dextrin fatty acid esters. Longer straight chain fatty acid groups and saccharide(s) chain result in harder oil gels.

Main Properties of Lineup:

- **Rheopearl KL2** (Dextrin Palmitate)
- **Rheopearl TL2** (Dextrin Palmitate)
- **Rheopearl MKL2** (Dextrin Myristate)
- **Rheopearl TT2** (Dextrin Palmitate/ Ethylhexanoate)
- **Rheopearl ISL2** (Stearoyl Inulin)
- **Rheopearl ISK2** (Stearoyl Inulin)



All are approved for the use in cosmetics in Japan and worldwide.

					
<p>Lipgloss Rheopearl KL2 Transparent hard gel</p>	<p>Lipgloss Rheopearl TL2 Transparent soft gel</p>	<p>Cleansing oil Rheopearl TT2 Transparent soft and thixotropic gel</p>	<p>Lipgloss Rheopearl MKL2 Ultra transparent hard gel</p>	<p>Lipstick Rheopearl ISK2 White hard gel</p>	<p>Oil cake Rheopearl ISL2 White Ultra hard gel</p>

Manufactured by Chiba Flour Milling Co., Ltd.



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