



ADEKA – WHO WE ARE

ADEKA Corporation is a Japanese chemical company with more than a century of experience in the cosmetics and detergents market, having nowadays more than 12 offices, 4 R&D and 15 production sites worldwide.

ADEKA is a global company with polymer additives business organizations in Japan, Korea, Taiwan, Thailand, Singapore, China, India, USA and Europe. With global R&D centers, responsive sales and logistics organizations and a worldwide distribution network, ADEKA offers a broad portfolio of products to customers worldwide.

ADEKA has been present in the surfactants market in Europe for more than 20 years now. In 1999, ADEKA centralized their European sales activities in a new head office, ADEKA Europe GmbH, in Düsseldorf, Germany.

ADEKA has a dedicated Research & Development group equipped with latest technology and modern facilities for testing and evaluation of additives performances, which help to provide innovative solutions to the market.



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Our Distributors

As a global chemical manufacturing company, ADEKA has established an effective global distribution network, utilizing qualified distributors and serving all targeted markets around the world. The company is fully dedicated to serving our small customers, and the distribution strategy is structured by geographic region.



TAMARIND

INCI: TAMARINDUS INDICA SEED GUM

Tamarind is a plant-derived polymer, extracted from the seeds of the Tamarindus Indica tree. Even though being used as a food additive for more than 50 years, Tamarind just recently has found its way into cosmetic usage. Tamarind produces transparent solutions with a unique fluidity, providing rich & non-sticky textures. It has a powerful stability and can keep its viscosity even under the influence of heat, pH & salts. An additional unique feature of Tamarind is that it increases its viscosity or forms a gel when used in combination with sugars or polyols. As Tamarind is non-ionic, it has a good compatibility with various surfactants.

BENEFITS

- 100% natural & green ingredient
- Moisturizes & soothes skin
- Has thickening and gelling properties
- Makes clear formulations
- Can be used in cold process
- Stable against heat, acid & salt

FEATURES

- Natural polysaccharide from tamarind seed
- Provides natural, non-sticky texture
- Compatible with various surfactants
- Unique synergy with polyols
- Powder form
- Good stability
- REACH & China registration

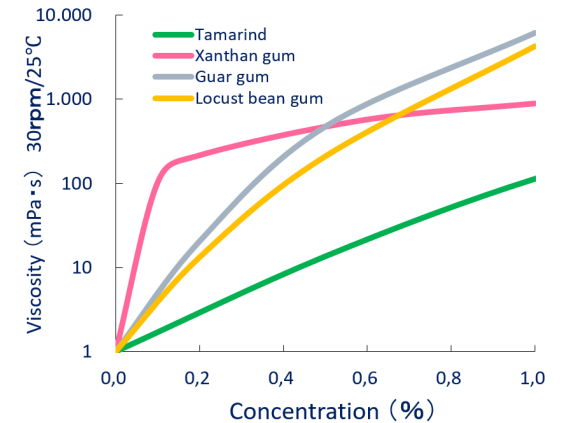


POWERFUL STABILITY

Tamarind has thickening and gelling properties when it is mixed with sugars, dextrin, sugar alcohols, lower alcohols, and polyphenols such as catechin. When it is mixed with sucrose, the viscosity of the mixture will synergistically increase with increasing the concentrations of sucrose. When the concentration of sucrose is higher than 40%, the mixture will become a hard, elastic gel without syneresis.

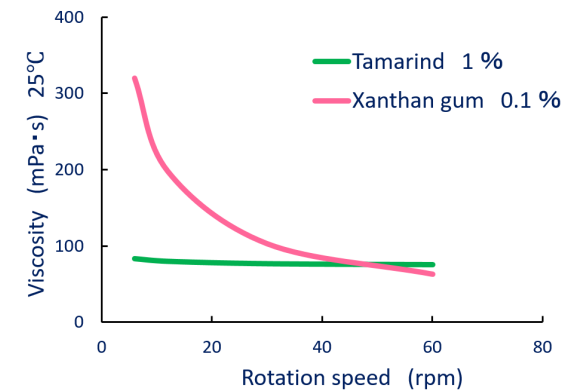


VISCOSITY CURVE



Tamarind shows moderate viscosity and Newtonian fluid and therefore provides a rich, but non-sticky texture.

FLUIDITY



Tamarind is not damaged by heating, pH and salts. It keeps its viscosity under different circumstances. It is therefore an optimal solution for viscosity stability of cosmetic formulations.