

**Paying a high price for PGA? Want a cleaner label declaration?**

Known for developing cost saving and functional gum blends, Gum Technology recently developed several new Propylene Glycol Alginate (PGA) replacements.

PGA is a chemically modified alginate which is used primarily in high oil salad dressings for its emulsifying properties. The high usage levels needed for PGA to stabilize emulsions on its own, make it cost prohibitive. Therefore, PGA is often used in combination with a less expensive gum such as Xanthan.

Xanthan is not a true hydrocolloid emulsifier in the way PGA is, however it will mechanically emulsify and add viscosity.

In contrast to PGA, Gum Technology's new PGA replacements are cost effective, natural stabilizers which provide a cleaner label declaration. These new gum blends are specifically formulated to stabilize emulsions even at low pH, and in applications where the product goes through freeze/thaw cycles.

Product	Function	Label Declaration
Stabilizer AF-0213	1:1 PGA replacement. Ideal when Xanthan is already a part of your formulation. Excellent emulsifier that also improves and smoothes out textures. Helps protect proteins in dairy based dips and dressings.	Gum Arabic, Fenugreek Gum
Stabilizer AC-0210	1:1 PGA replacement. Ideal when Xanthan is already a part of your formulation. Excellent emulsifier that provides a creamy and silky texture.	Gum Arabic, Carrageenan
Stabilizer XAC-0810	Complete PGA/Xanthan system replacement. Excellent emulsifier even in low pH and high solid applications. Cold soluble. Produces a smooth texture with great flow properties.	Gum Arabic, Xanthan, Carrageenan

**Request a Sample Today**

Test our PGA replacements in your formulations. With every Coyote Brand® sample, you gain specialized technical support for your hydrocolloid projects. Call 1.800.369.4867 or email [info@gumtech.com](mailto:info@gumtech.com).

The information and/or suggestions presented on this product are the results of the testing and observations carried out in our laboratories, and we believe them to be accurate as expressed. Because we cannot anticipate the many conditions under which this information may be used, we offer this information as a guideline only to assist our customers in the use of our products, and to help them determine the applicability of the product to their formulation(s). It is the responsibility of the customer to determine the usefulness, regulatory status and legality of our product in the customer's application and the customer assumes all responsibility for loss or damage arising from the use of our products.

**Replace PGA**



**1:1 PGA Replacement**

**Cost Effective**

**Clean Label**

**Natural**

**High Oil Emulsifier**

Our Gums are Good.



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