



Einar[®] Polymer Additives

PLANT-BASED, FOOD-GRADE SOLUTIONS

Palsgaard[®]

Innovation starts with need

Three trends dominate the polymer business today: Performance, safety and sustainability. While simple in the eyes of consumers, a lot of thought goes into formulating, producing and handling plastic products – all with these three trends in mind.

Polymer additives that are safe enough to eat

Beneficial to both producers and customers, Palsgaard addresses the concern over harmful substances coming into contact with their food as all of our polymer additives are essentially food ingredients.

The polymer industry is increasingly seeking alternatives to petrochemical-based products while maintaining their high standards of quality and functionality. Derived entirely from vegetable oils and developed with a strong commitment to responsible resource use, Palsgaard offers additives that meet modern demands for performance and environmental responsibility.

Whether you're producing thin-walled packaging, laminate films, or simply looking for a smarter alternative to your current additive, Palsgaard helps you push the boundaries – delivering performance that matches or exceeds conventional solutions.

We have the answer: Einar® polymer additives from Palsgaard

Our additives for polymer application and masterbatches are based on food-grade vegetable oils such as sunflower oil, rapeseed oil and RSPO-certified palm oils. They are produced with a deep focus on reducing energy consumption and CO₂-emissions.

With **Einar**® polymer additives, you can improve your product profile with a renewable addition while retaining the efficiency and attractive appearance of your products.

Dedicated sales and technical team

With production in Denmark, the Netherlands and Malaysia, our dedicated polymer application lab in Denmark and our sales managers covering most of the globe – we are always ready to assist you in developing and optimising new polymer applications.

Einar® product overview

	APPLICATION	EFFECT	PRODUCT	DOSAGE
POLYPROPYLENE	Pigments	Dispersion	Einar® 103	2 - 5%
	Injection moulding	General purpose anti-stat	Einar® 201, Einar® 207, Einar® 306	0.1 - 0.5%
		Anti-stat for impact copolymers	Einar® 401	0.5 - 1.0%
		Mould release	Einar® 201, Einar® 207, Einar® 221	0.1 - 0.5%
	Compression moulding	Mould release	Einar® 221	0.1 - 0.3%
	Film	Anti-stat	Einar® 411, Einar® 204	0.1 - 0.4%
		Cold fog in cast and BOPP film	Einar® 618	1.0 - 2.0%
		Hot fog in cast and BOPP film	Einar® 422, Einar® 618	0.5 - 1.5%
	Foam	Ageing modifier	Einar® 201, Einar® 203	0.5 - 2.0%
		Anti-stat	Einar® 401	0.1 - 0.4%
Anti-fouling	Reactor anti-stat	Einar® 987	0.01 - 0.03%	
POLYETHYLENE	Pigments	Dispersion	Einar® 103	2 - 5%
	Film	Anti-stat for LDPE and LLDPE	Einar® 601	0.1 - 0.4%
		Anti-stat for HDPE	Einar® 601	0.3 - 0.6%
		Anti-fog for coextruded and laminated film	Einar® 611, Einar® 618	0.2 - 0.4%
		General purpose cold and hot fog	Einar® 211, Einar® 608	0.2 - 0.6%
	Injection moulding	Anti-stat	Einar® 601, Einar® 608	0.5 - 1.0%
		Mould release	Einar® 201, Einar® 207	0.2 - 0.6%
	Foam	Ageing modifier	Einar® 201, Einar® 203	0.5 - 2.0%
		Anti-stat	Einar® 601	0.2 - 0.5%
	Anti-fouling	Reactor anti-stat	Einar® 987	0.01 - 0.03%
EPS	Coating additives	Anti-stat	Einar® 501	0.1 - 0.6%
		Cooling time enhancer and lubricant	Einar® 515	0.1 - 0.4%
		Anti-stat and cooling time combo product	Einar® 535	0.2 - 0.5%
		Full blends GMS/GTS/Zinc stearates	Einar® 543, Einar® 544	0.2 - 0.5%
PVC	Injection moulding	Anti-stat	Einar® 601	0.5 - 1.0%
		Mould release	Einar® 201, Einar® 207	0.2 - 0.8%
		Lubricant and processing aid	Einar® 201, Einar® 303, Einar® 306	0.2 - 1.0%
Film	Anti-stat	Einar® 601	0.5 - 1.0%	
	Anti-fog	Einar® 211	0.3 - 1.0%	
PC	Injection moulding	Mould release for optical media grade PC	Einar® 207	0.05 - 0.15%
PET	Pigments	Dispersion	Einar® 103	2 - 5%

Find out more or get in touch with us at palsgaard.com

Bringing good things together for over a century

The founder of Palsgaard, Einar Viggo Schou, invented the plant-based food emulsifier in 1917. We have been exploring and innovating ever since.

Because even though we are only a small part of the products we go into, our solutions can make an extraordinary difference beyond food and into polymer and personal care. A recipe reformulated. A new product created. Production efficiencies increased. Scarce resources protected.

We make business personal and work closely with our customers to understand their formulation challenges and create tailored solutions. All while delivering peace of mind through business stability and supply chain security.

Learn more about our polymer additives at
palsgaard.com



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