

Einar[®] food-grade polymer additives

	Application	Effect	Product	Dosage
Polypropylene	Pigments	Dispersion	Einar [®] 101, 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 [®] 411, Einar [®] 401	0.2 - 0.8%
		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%	
Anti-fog coating for BOPP Anti-stat coating for BOPP		Einar [®] 1122 Einar [®] 1103		
Foam	Ageing modifier	Einar [®] 201, Einar [®] 204, Einar [®] 207	0.5 - 2.0%	
Polyethylene	Pigments	Dispersion	Einar [®] 101, Einar [®] 103	2 - 5%
	Film	Excellent anti-stat performance in LDPE and LLDPE	Einar [®] 601	0.1 - 0.4%
		Anti-stat for HDPE	Einar [®] 601	0.3 - 0.6%
		Excellent anti-fog in coextruded and laminated film	Einar [®] 611, Einar [®] 618	0.2 - 0.4%
		General purpose cold and hot fog	Einar [®] 211, Einar [®] 614	0.2 - 0.6%
	Greenhouse film	Anti-fog for multi season greenhouses	Einar [®] 632	1-3%
Anti-fog for small tunnel and mulch film		Einar [®] 611, Einar [®] 614	0.5-1.5%	
Injection moulding	Effective anti-stat	Einar [®] 601	0.5 - 1.0%	
	Mould release	Einar [®] 201, Einar [®] 207	0.2 - 0.6%	
Foam	Ageing modifier	Einar [®] 201, Einar [®] 204, Einar [®] 207	0.5 - 2.0%	
	Anti-stat	Einar [®] 601	0.2 - 0.5%	
PET	Extrusion and thermoforming	Efficient slip additive Anti-fog coating Anti-stat coating	Einar [®] 621 Einar [®] 1122 Einar [®] 1103	0.5 - 2.0%
EPS	Coating additives	Anti-stat	Einar [®] 501	0.1 - 0.6%
		Cooling time enhancer	Einar [®] 511	0.1 - 0.4%
		Anti-stat and cooling time combo product	Einar [®] 531, Einar [®] 533	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, Einar [®] 614	0.3 - 1.0%	
	Anti-fog coating	Einar [®] 1122		
	Anti-stat coating	Einar [®] 1103		
PC	Injection moulding	Mould release for optical media grade PC	Einar [®] 207	0.05 - 0.15%
		General purpose mould release	Einar [®] 621	0.1 - 0.3%

Find out more at polymers.palsgaard.com

Einar[®] food-grade polymer additives

Imagine this: Polymer additives you can eat

Two trends dominate the polymer business today: Safety and sustainability. Of course, consumers want polymer products such as food film, canisters, bottles and containers for their convenience and hygiene.

But they also worry about the environment and about harmful substances coming into contact with their food – and producers need to take such concerns seriously. The polymer industry needs sustainable alternatives to petrochemical-based products that do not compromise the quality and functionality of the end products.

We have the answer: Einar[®] from Palsgaard

Palsgaard's Einar[®] series of functional additives for masterbatches and polymer applications are based on food-grade vegetable oils such as sunflower oil, rapeseed oil and RSPO-certified segregated palm oils and are produced in CO₂-neutral factories.

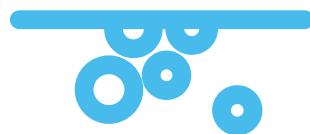
With Einar[®], you can market your packaging solutions and masterbatches with a sustainable profile while retaining the efficiency and attractive appearance of your products.

Dedicated R&D and application lab

With production in Denmark, the Netherlands and Malaysia, Palsgaard covers most of the globe – and at our dedicated polymer application lab in Denmark our scientific staff and product specialists are always ready to assist you in developing and testing new polymer applications.



Einar[®] dispersing aids



Einar[®] anti-fogging agents



Einar[®] anti-static agents

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