Atmer™ 129

General

Chemical description	Glycerol ester
Physical form	Microbead
Origin	Vegetable
CAS	Confidential
EINECS	Listed

Applications

Atmer 129 is recommended as an internal anti-static additive in polyolefins and flexible PVC.

Mode of action

Atmer 129 can be dispersed evenly through the polymer in the melt phase.

It migrates to the surface of the polymer where it interacts with atmospheric moisture, reducing surface resistivity and allowing dissipation of static charge.

Features and benefits

- Quick acting anti-static additive
- Improves de-molding
- Synergistic effects with ethoxylated amines

Recommended polymers

- PE / PP
- EVA
- PVC

Guidelines for use

Atmer 129 is an internal additive and can be incorporated into resin as supplied or via masterbatch / pre-blend. Experience has shown that simple manual mixing prior to processing will normally give an acceptable dispersion though, mechanical means are preferred.

Typical addition levels can be found in the Atmer™ anti-static brochure.

Typical properties* Atmer 129

	Value	Unit
Acid value	0 – 3	mg KOH/g
Iodine value	0 – 2	g/100g
Water content	0.0 – 0.5	%w/w
Free glycerine	0.0 – 1.0	%w/w
Monoglycerides	90 – 100	%w/w

*This is not a sales/product specification

Physical form, packaging and storage

Atmer 129 is supplied as a microbead in 25kg bags as standard.

Keep tightly closed in a dry, cool and well-ventilated place in original packaging only.

Shelf life of 730 days.

Regulatory status

Please visit our online MSDS Centre at www.msds.crodadirect.com and search for this product. Section 15 of the MSDS contains the latest regulatory status. In case of any further questions, please contact your local Croda sales representative. Food contact statements are available upon request.

Further information

Please visit our website www.crodapolymeradditives.com or contact a Croda sales representative for samples and further application information.

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