

Crodamide™ EBS

General

Chemical description	Ethylene-bis-stearamide
Physical form	Powder, bead, microbead
Origin	Non-vegetable
CAS	110-30-5
EINECS	203-755-6

Applications

Crodamide EBS is a secondary *bis* amide effective as an anti-block agent and process aid for polyolefins. It has proven mold release benefits in nylon and is a lubricant for PVC.

Mode of action

Crodamide EBS can be dispersed evenly through the polymer in the melt phase. It migrates to the surface of the polymer where it forms a thin lubricating layer. This layer reduces coefficient of friction between surfaces and prevents any unwanted adhesion.

Features and benefits

- Anti-block
- Dispersion
- Mold release
- External lubricant for PVC

Recommended polymers

- All polyolefins
- Nylon
- PVC
- Styrenics
- Rubber

Guidelines for use

Crodamide EBS 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 vary depending on polymer and lubrication required. Croda recommends around 500 – 2000ppm in films and 0.2 – 1.0% in molding applications.

CRODA
Polymer Additives

Croda Europe Limited Cowick Hall Snaith Goole East Yorkshire DN14 9AA
Tel +44 (0) 1405 860 551 Fax +44 (0) 1405 861 767
Pa-europe@croda.com www.crodapolymeradditives.com

Crodamide™ slip & anti-block

Specification			
	Lower	Upper	Units
Acid value	0	7	mg KOH/g
Iodine value	0	1	g/100g
Melting point	143	149	°C
Colour gardner	0	4	
Amine value	0	3	mg KOH/g

Physical form, packaging and storage

Crodamide EBS is supplied as either a powder or a microbead in 25kg bags as standard. Croda recommends storing Crodamides in a dry well ventilated place at 25°C (77°F) max. Prolonged storage over 35°C (95°F) or in direct sunlight can cause agglomeration and discoloration.

Shelf life of 360 days.

Health and safety data

Crodamide EBS is considered to be non-toxic and is not expected to be irritating to skin and eyes. Material safety data sheets (MSDS) are available upon request

Inventory status

TSCA	Listed	DSL	Listed
AICS	Listed	PICCS	Listed
ENCS	(2)-831	MEO/ECL	2-888
PICCS	Listed	New Zealand	Listed
Austria	EINECS	Europe	EINECS
Switzerland	EINECS		

Food contact statements are available upon request

Non-warranty: The information in this publication is believed to be accurate and is given in good faith, but no representation or warranty as to its completeness or accuracy is made. Suggestions for uses or applications are only opinions. Users are responsible for determining the suitability of these products for their own particular purpose. No representation or warranty, expressed or implied, is made with respect to information or products including, without limitation, warranties of merchantability, fitness for a particular purpose, non-infringement of any third party patent or other intellectual property rights including, without limit, copyright, trademark and designs.

Any trademarks identified herein are trademarks of the Croda group of companies. ©2012 Croda Europe Ltd

CRODA
Polymer Additives

Croda Europe Limited Cowick Hall Snaith Goole East Yorkshire DN14 9AA
Tel +44 (0) 1405 860 551 Fax +44 (0) 1405 861 767
Pa-europe@croda.com www.crodapolymeradditives.com