

MIKROFINE® 1013

MIKROFINE® 1013 is an endothermic blowing agent composition for crown cork liners, co-axial cables and roto-moulded application.

1 PRODUCT INFORMATION

Main constituent	:	Proprietary multi-component system based on endothermic chemical blowing agent
Physical form	:	White, free flowing powder
Odour	:	Odourless
Solubility	:	Partially insoluble in water
Health, safety & handling information	:	Relevant information can be found in sheet No. HPLA/MSDS/M/CBA/54

2 SPECIFIED PROPERTIES

Active content	:	100% multi-components
Decomposition temperature (°C)	:	Starts from approx. 150
Volatility (% w/w)	:	0.5 max
pH (5% aqueous suspension at 25°C)	:	6.5 ± 0.5
Average particle diameter (micron)	:	7.0 ± 2.0

3 SPECIAL FEATURES

MIKROFINE[®] 1013 is a free flowing powder and causes minimal agglomerations, and lumping problems. It is ideal for direct metering into extruder hoppers.

MIKROFINE[®] 1013 is a specially formulated composition wherein components are intimately bonded and give excellent performances by producing very fine cellular structure. MIKROFINE[®] 1013 has been specially designed for giving maximum density reductions and giving whiter foamed products which good surface finish.

4 APPLICATIONS

MIKROFINE[®] 1013 has been used successfully to expand thermo plastic resins by injection moulding as well as extrusions. It gives white cellular products with better density reduction.

MIKROFINE[®] 1013 is specifically suited for extruded PE based crown cork liner, rotational moulded multi layer LLDPE tanks and co-axial cables.

5 DOSAGES

0.3 - 1.2 PHR for extrusion applications.
0.4 – 2.0 PHR for rotational moulding applications.

6 PACKING

MIKROFINE[®] 1013 is packed in 25 Kg HDPE bags/UN approved corrugated cartons with a polythene liner inside or as per customer's requirement.

The information given in this document is only a recommendation, believed to be reliable and is given in good faith but without warranty. Our advice does not release users from the obligation of checking its validity. The user should test the product to ascertain the suitability for the intended use. Specified properties mentioned in this document are based on our historical production performance and these properties or the whole document is subject to change without any prior notice, at our sole discretion. We are under no obligation to recall earlier issued documents.

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