

KRITILEN®

Fragrance Masterbatches

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Technical information

KRITILEN® fragrance masterbatches are concentrates of fragrances in an EVA carrier. They offer a convenient way of incorporating fragrances in various plastic molded parts or films. They are mixed with the basic polymer or fed with a separate volumetric or gravimetric feeder, at addition rates of 0.2%-1.0%, depending on the desired aroma effect. As they are free flowing pellets, the fragrance masterbatches have advantages, in terms of handling, versus the liquid fragrances.

KRITILEN® Fragrance Masterbatches

KRITILEN®	Carrier	Fragrance concentration (%)	Addition rate (%)	Compliance with EC94/62
0162 Strawberry	EVA	10	0.2% - 1.0%	Yes
0164 Lemon	EVA	10	0.2% - 1.0%	Yes
0165 Lavender	EVA	10	0.2% - 1.0%	Yes
0166 Vanilla	EVA	10	0.2% - 1.0%	Yes
0167 Rose	EVA	10	0.2% - 1.0%	Yes
0168 Fresh	EVA	10	0.2% - 1.0%	Yes
0169 White Floral	EVA	10	0.2% - 1.0%	Yes
1401 Green Apple	EVA	10	0.2% - 1.0%	Yes
1403 Lemon Grass	EVA	10	0.2% - 1.0%	Yes
1404 Lilac	EVA	10	0.2% - 1.0%	Yes
1405 Apple Cinnamon	EVA	10	0.2% - 1.0%	Yes
1413 White Musk	EVA	15	0.2% - 1.0%	Yes
1409 Citronella INS	EVA	15	0.2% - 1.0%	Yes
1411 Forest OC	EVA	15	0.2% - 1.0%	Yes
1412 Lavender OC	EVA	15	0.2% - 1.0%	Yes

Depending on customer specific needs, PLASTIKA KRITIS can develop tailor made fragrance masterbatches, which can differentiate end processors from competition.

These fragrance masterbatches are used in injection moulding and film processes, at specified addition rates. The end application polymers include polyethylene, polypropylene, EVA and flexible PVC. Typical end products, in which KRITILEN® fragrance masterbatches are used, are garbage bags, various packaging products, pens, stationary products, etc.

Malodour Counteraction

Furthermore, PLASTIKA KRITIS, being in close collaboration with its customers, has developed masterbatches which counteract malodours. Depending on the malodour origin (bathroom, kitchen or pet malodours), PLASTIKA KRITIS can offer specifically designed fragrance masterbatches, masking the unpleasant odour and replacing it with a desired aroma.

KRITILEN® 1411 Forest OC and 1412 Lavender OC contain active ingredients, which incorporate these specific fragrances in the end product and also reduce odour through chemical binding of the chemical substances creating the odour and by inhibiting the growth of the bad odour causing bacteria. PLASTIKA KRITIS, in collaboration with its suppliers, can develop different fragrance masterbatches having the OC (odour control) action. These masterbatches are proposed for use in garbage bags.

KRITILEN® 1409 Citronella INS was developed in order to repel insects from plastic end products. It is particularly recommended for garbage bags, whose content attracts mosquitos or other insects during the summertime.

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The information and suggestions contained herein are the result of our experience, knowledge and research. They are believed to be reliable and are given in good faith. However, no warranty is provided, as the conditions under which our products are used are beyond our control.