

# Certified KRITILEN® biodegradable blacks

*Plastika Kritis R&D E-Newsletter*



## Ecology matters

Environmental consciousness, sustainability and composting have increasing importance for our society, promoting the development of biodegradable plastics for reducing the use of fossil based polymers .

Plastika Kritis Research and Development scientists share the vision of a more sustainable future by providing alternative environmental friendly masterbatch solutions.

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PLASTIKA KRITIS has developed **certified solutions** for black coloration of **biodegradable** articles offering high opacity and jetness along with versatile compatibility.

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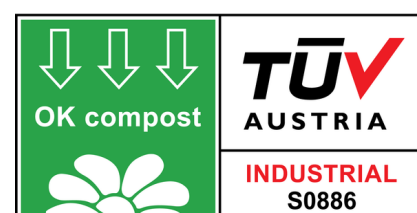
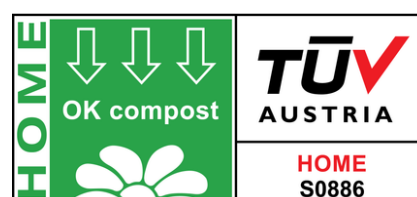


- ✓ Based on PLA and PBAT
- ✓ Compatible with various bio polymers
- ✓ Food Approved
- ✓ Industrial and Home Compost certified
- ✓ Ideal for extrusion, injection and thermoforming
- ✓ Excellent dispersion, high tinting strength



### KRITILEN® BLACK PL8430

contains 30% of a specially selected P type carbon black in a PLA carrier . It is ideal for extrusion and injection molded PLA articles such as straws , disposables, cups and containers.



### KRITILEN® BLACK BIO 4420P

contains 35% of a premium P-type carbon black perfectly dispersed in a PBAT carrier ideal for mulch and other thin film applications.

KRITILEN®	BASE POLYMER	PIGMENT TYPE	PIGMENT (%)	ADDITION RATE (%)	FOOD APPROVED
BLACK PL8430	PLA	P-type Carbon Black	30	1-5	YES
BLACK BIO4420P	PBAT	P-type Carbon Black	35	1-10	YES