

PRODUCER	PLASTIKA KRITIS SA
PRODUCT	KRITILEN BLACK 440P
<i>Version</i>	051222
DESCRIPTION	Black masterbatch in pellet form.

PROPERTIES

Carrier Resin	LDPE or LLDPE
Pigment/Dye	Carbon black
Pigment Type	P (particle size 20-25nm)
Filler	No
Other Additives	Processing Stabiliser

SPECIFICATIONS

	Range	Method
Dispersion at 200mesh (bar)	<= 5.0	OEE-8.2.4-01-08
Dispersion at 325mesh (bar)	<= 15.0	OEE-8.2.4-01-08
Total Inorganic Content (%)	40.00 ± 1.20	OEE-8.2.4-01-06
Volatile Content (%)	<= 0.20	OEE-8.2.4-01-07
Bulk Density (gr/cm3)	0.640 - 0.690	EN ISO60
Density (gr/cm3)	1.130	ASTM D792
Melt Flow Index (10kg/190C) (gr/10min)	<= 20.0	EN ISO1133
Pellet Visual Inspection	Yes	

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PACKAGING & STORAGE

The product comes in regular pellet form and packed in 25 kg bags (pallets of 1000kg). The bags must be stored indoors for a maximum of 12 months and in a dry environment of approximately 25°C.

FOOD APPROVAL

The product is produced using raw materials which, according to our suppliers, comply with the following food contact and/or packaging regulations:

Commission Regulation (EU) No. 10/2011: Yes

EU Directive 94/62/EC: Yes

Resolution AP (89) I: Yes

CONEG Regulation: Yes

EN 71-3:1994 + A1:2000: Yes

EU Directive 2002/95/EC (RoHS): Yes

APPLICATIONS

The product offers a convenient way of incorporating carbon black into thermoplastics, without dust contamination, insuring good dispersion, which is essential for maximum opacity and UV stabilization. It is based on a special carbon black, which, due to its small particle size (20-25mm) and to its perfect dispersion, offers to the end product the maximum possible UV protection. The recommended addition rate is 5-7% (optimum 6%).

KRITILEN BLACK 440P contains a high purity carbon black with broad approval for food contact and potable water applications. Please notice that certification is given to the final article. Detailed regulatory statement (including SML ,max addition levels etc.) is available upon request. In order to comply with REG. 10/2011/ EC for food contact, the addition rate of BLACK 440P should not exceed 6% in the final article.

The product is recommended for use in the following applications:

Blow Moulding: +

Film/Sheet: +

APPLICATIONS

Injection Moulding: +

Tapes: o

Thin Films: +

+: Recommended, o: Can be used, x: Not Recommended

The above information is based on our knowledge and experience and is given in good faith to be used as recommendations for trials only. As the exact conditions of processing and usage of the finished products are beyond our control, this information is provided without any engagement or warranty from our side. Buyer should verify the suitability of the product and determine the appropriate rate under the actual conditions of applications.