

PRODUCER	PLASTIKA KRITIS SA
PRODUCT	<b>KRITILEN BLACK A442P</b>
<i>Version</i>	030925
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	Antioxidant Processing Stabiliser

**SPECIFICATIONS**

	<b>Range</b>	<b>Method</b>
Dispersion at 200mesh (bar)	<= 5.0	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/cm <sup>3</sup> )	0.630 - 0.680	EN ISO60
Pellet Visual Inspection	Yes	

**PRODUCT**

**KRITILEN BLACK A442P**

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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

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

**APPLICATIONS**

KRITILEN Black A442P, offers a convenient way to incorporate carbon-black in thermoplastics, without dust contamination, insuring good dispersion which is essential for maximum coloration, opacity and UV stabilization .

KRITILEN Black A442P, is based on a P-Type Carbon Black which, due to its small particle size (20-25 nm) and to its perfect dispersion, offers to the final product the maximum possible UV protection.

KRITILEN Black A442P, is recommended for the UV protection of LDPE/LLDPE pipes,potable water pipes, films, nets etc, at an addition rate of 5-7% (optimum 6%).

Notice : In order to comply with REG. 10/2011/ EC for food contact, the addition rate of BLACK A442P should not exceed 6 % in the final atricle.

The product is recommended for use in the following applications:

Blow Moulding: +

Film/Sheet: +

Injection Moulding: +

Pipe: +

**APPLICATIONS**

Tapes: o

Thin Films: o

*+: 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.*