

PRODUCER	PLASTIKA KRITIS SA
PRODUCT	<b>KRITILEN BLACK 4200P</b>
Version	051225
DESCRIPTION	Black masterbatch in pellet form.

**PROPERTIES**

Carrier Resin	LLDPE (MFI=50gr/10min)
Pigment/Dye	Carbon black
Pigment Type	P (particle size 20-25nm)
Filler	Yes
Other Additives	Processing Stabiliser

**SPECIFICATIONS**

	<b>Range</b>	<b>Method</b>
Dispersion at 200mesh (bar)	<= 5.0	OEE-8.2.4-01-08
Total Inorganic Content (%)	67.50 ± 2.03	OEE-8.2.4-01-06
Volatile Content (%)	<= 0.20	OEE-8.2.4-01-07
Bulk Density (gr/cm <sup>3</sup> )	0.860 - 0.920	EN ISO60
Melt Flow Index (10kg/190C) (gr/10min)	<= 25.0	EN ISO1133
Pellet Visual Inspection	Yes	

**PRODUCT**

**KRITILEN BLACK 4200P**

*Version*

051225

**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

**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 (20-25nm) and to its perfect dispersion, offers to the end product the maximum possible UV protection.

Notice : In order to comply with REG. 10/2011/ EC for food contact, the addition rate of BLACK 4200P should not exceed 12 % in the final article

The product is recommended for use in the following applications:

Blow Moulding: +

Film/Sheet: +

Injection Moulding: +

Pipe: 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.*