

PRODUCER	PLASTIKA KRITIS SA
PRODUCT	KRITILEN BLACK 340
Version	211124
DESCRIPTION	Black masterbatch in pellet form.

PROPERTIES	
Carrier Resin	LDPE or LLDPE
Pigment/Dye	Carbon black
Pigment Type	SRF (particle size 60-70nm)
Filler	Yes
Other Additives	Processing Stabiliser

SPECIFICATIONS		
	Range	Method
Bulk Density (gr/cm ³)	0.790 - 0.840	EN ISO60
Dispersion at 200mesh (bar)	<= 25.0	OEE-8.2.4-01-08
Total Inorganic Content (%)	68.00 ± 2.04	OEE-8.2.4-01-06
Volatile Content (%)	<= 0.20	OEE-8.2.4-01-07
Melt Flow Index (10kg/190C) (gr/10min)	<= 50.0	EN ISO1133
Heat Resistance (C)	300	DIN EN 12877
Pellet Visual Inspection	Yes	

Heat Resistance according to DIN EN 12877. The highest temperature in which a pigmented sample withstands a dwell time of 5 min in the barrel of an injection-moulding machine without significant colour change.

Light Fastness according to DIN EN 4892. Blue-wool scale 1-8, where 1: Very poor, 8: Excellent.

PRODUCT

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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: No

EU Directive 94/62/EC: Yes

CONEG Regulation: Yes

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

APPLICATIONS

This masterbatch offers a convenient way to incorporate carbon-black in thermoplastics, without dust contamination, ensuring good dispersion which is essential for maximum coloration and opacity.

The product is recommended for use in the following applications:

Blow Moulding: +

Film/Sheet: +

Injection Moulding: +

Pipe: +

+: 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.