



# KANDUI INDUSTRIES PVT. LTD.

## PRODUCT DATA SHEET KOLOKAN Master batch

POLYESTER BLACK

PET FIBER JET BLACK

BK/07/0023

This PET based Black Master batch contains 23 % carbon. It has excellent dispersion, Filterability and spin ability. This grade is recommended for all types of Polyester fiber lines where Black Master Batch directly injected in to the polymer line.

SR	PROPERTIES	TEST METHOD	UNIT	SPECIFICATION
1	Base Polymer	-	-	PET
2	I.V. of Base Polymer	W 751 QA 03 / 08	dl/gm	0.800- 0.820
3	I.V. of MB	W 751 QA 03 / 08	dl/gm	0.370 ± 0.010
4	Carbon Content	W 751 QA 03 / 04	%	23.00
5	Moisture	W 751 QA 03 / 01	%	≤ 0.25
6	Bulk Density	W 751 QA 03 / 05	Gm/cc	0.950 ± 0.050
7	Filter Pressure Value	W 751 QA 03 / 09	Bar/ gm	≤ 0.15
8	Chips /Gram	W 751 QA 03 / 25	Nos.	45 ± 5
9	Chips - L	W 751 QA 03 / 25	mm	3.0 ± 0.50
10	Chips - φ	W 751 QA 03 / 25	mm	2.5 ± 0.50
11	Light Fastness	ISO-105-B02	Blue scale	7-8
12	Heat Stability	DIN EN 12877-1	°C	280-300
13	Packing	25.00 Kg. In heavy duty liner with PP woven sack bag.		

**NOTE:**

1. The value shown is the average value as tested in our Lab and must be taken as guide line only.
2. Addition of the above compound is possible at the normal processing conditions.

All the above values are obtained under standard conditions with our testing facilities, may vary under different conditions and depending upon the accuracy and efficiency of the man and the machine. So it's recommended to test the above properties to finalize the use of the product for specific and particular applications.



# KANDUI INDUSTRIES PVT. LTD.

## PRODUCT DATA SHEET KOLOKAN Master batch

POLYESTER BLACK

PET JET BLACK

BK/07/0024

This PET based Black Master batch contains 30 % carbon. It has excellent dispersion, Filterability and spin ability. This grade is recommended for all types of POY /PSF/FDY high throughput spinning lines.

SR	PROPERTIES	TEST METHOD	UNIT	SPECIFICATION
1	Base Polymer	-	-	PET
2	I.V. of Base Polymer	W 751 QA 03 / 08	dl/gm	0.800-0.820
3	I.V. of MB	W 751 QA 03 / 08	dl/gm	0.360 ± 0.010
4	Carbon Content	W 751 QA 03 / 04	%	30.00
5	Moisture	W 751 QA 03 / 01	%	≤ 0.25
6	Bulk Density	W 751 QA 03 / 05	Gm/cc	0.950 ± 0.050
7	Filter Pressure Value	W 751 QA 03 / 09	Bar/ gm	≤ 0.20
8	Chips /Gram	W 751 QA 03 / 25	Nos.	45 ± 5
9	Chips - L	W 751 QA 03 / 25	mm	3.0 ± 0.50
10	Chips - φ	W 751 QA 03 / 25	mm	2.5 ± 0.50
11	Light Fastness	ISO-105-B02	Blue scale	7- 8
12	Heat Stability	DIN EN 12877-1	°C	280-300
13	Packing	25.00 Kg. In heavy duty liner with PP woven sack bag.		

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# KANDUI INDUSTRIES PVT. LTD.

## PRODUCT DATA SHEET KOLOKAN Master batch

POLYESTER BLACK

PET BLUISH JET MB-1

BK/07/0055

This PET based Black Master batch contains 30 % bluish high jetness carbon. It has excellent dispersion, Filterability and spin ability. This grade is recommended for all types of medium throughput polyester FDY/POY/PSF spinning lines where high Jetness & bluish tone is required.

SR	PROPERTIES	TEST METHOD	UNIT	SPECIFICATION
1	Base Polymer	-	-	PET
2	I.V. of Base Polymer	W 751 QA 03 / 08	dl/gm	0.800-0.820
3	I.V. of MB	W 751 QA 03 / 08	dl/gm	0.380 ± 0.010
4	Carbon Content	W 751 QA 03 / 04	%	30.00
5	Moisture	W 751 QA 03 / 01	%	≤ 0.25
6	Bulk Density	W 751 QA 03 / 05	Gm/cc	0.950 ± 0.050
7	Filter Pressure Value	W 751 QA 03 / 09	Bar/ gm	≤ 0.20
8	Chips /Gram	W 751 QA 03 / 25	Nos.	45 ± 5
9	Chips - L	W 751 QA 03 / 25	mm	3.0 ± 0.50
10	Chips - φ	W 751 QA 03 / 25	mm	2.5 ± 0.50
11	Light Fastness	ISO-105-B02	Blue scale	7-8
12	Heat Stability	DIN EN 12877-1	°C	280-300
13	Packing	25.00 Kg. In heavy duty liner with PP woven sack bag.		

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# KANDUI INDUSTRIES PVT. LTD.

## PRODUCT DATA SHEET KOLOKAN Master batch

POLYESTER BLACK REC

RECYCLE PET BLACK MB

BK/07/0061

This PET based Black Master batch contains 23-26 % carbon black.

This grade is recommended for recycled staple fiber application with more than 6 DPF.

It is economical and has got good performance in staple fiber lines.

SR	PROPERTIES	TEST METHOD	UNIT	SPECIFICATION
1	Base Polymer	-	-	PET
2	I.V. of Base Polymer	W 751 QA 03 / 08	dl/gm	0.800-0.820
3	I.V. of MB	W 751 QA 03 / 08	dl/gm	> 0.250
4	Carbon Content	W 751 QA 03 / 04	%	23 - 26
5	Moisture	W 751 QA 03 / 01	%	≤ 0.25
6	Bulk Density	W 751 QA 03 / 05	Gm/cc	0.950 ± 0.050
7	Filter Pressure Value	W 751 QA 03 / 09	Bar/ gm	≤ 0.80
8	Chips /Gram	W 751 QA 03 / 25	Nos.	NA
9	Chips - L	W 751 QA 03 / 25	mm	3.0 ± 0.50
10	Chips - φ	W 751 QA 03 / 25	mm	2.5 ± 0.50
11	Light Fastness	ISO-105-B02	Blue scale	7-8
12	Heat Stability	DIN EN 12877-1	°C	280-300
13	Packing	25.00 Kg. In heavy duty liner with PP woven sack bag.		

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# KANDUI INDUSTRIES PVT. LTD.

## PRODUCT DATA SHEET KOLOKAN Master batch

POLYESTER BLACK

PET NORMAL BLACK

BK/07/0071

This PET based Black Master batch contains 30 % medium jetness carbon black. It has excellent dispersion, Filterability and spin ability. This grade is recommended for all types of medium throughput polyester FDY/POY/PSF spinning lines.

SR	PROPERTIES	TEST METHOD	UNIT	SPECIFICATION
1	Base Polymer	-	-	PET
2	I.V. of Base Polymer	W 751 QA 03 / 08	dl/gm	0.800-0.820
3	I.V. of MB	W 751 QA 03 / 08	dl/gm	0.360 ± 0.010
4	Carbon Content	W 751 QA 03 / 04	%	30.00
5	Moisture	W 751 QA 03 / 01	%	≤ 0.25
6	Bulk Density	W 751 QA 03 / 05	Gm/cc	0.950 ± 0.050
7	Filter Pressure Value	W 751 QA 03 / 09	Bar/ gm	≤ 0.20
8	Chips /Gram	W 751 QA 03 / 25	Nos.	45 ± 5
9	Chips - L	W 751 QA 03 / 25	mm	3.0 ± 0.50
10	Chips - φ	W 751 QA 03 / 25	mm	2.5 ± 0.50
11	Light Fastness	ISO-105-B02	Blue scale	7-8
12	Heat Stability	DIN EN 12877-1	°C	280-300
13	Packing	25.00 Kg. In heavy duty liner with PP woven sack bag.		

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# KANDUI INDUSTRIES PVT. LTD.

## PRODUCT DATA SHEET KOLOKAN Master batch

POLYESTER BLACK

PET SPL. JET BLACK

BK/07/0074

This PET based Black Master batch contains 30 % high jetness carbon black. It has excellent dispersion, Filterability and spin ability. This grade with good dilute ability and intrinsic viscosity is recommended for all types of polyester FDY/POY/PSF spinning lines.

SR	PROPERTIES	TEST METHOD	UNIT	SPECIFICATION
1	Base Polymer	-	-	PET
2	I.V. of Base Polymer	W 751 QA 03 / 08	dl/gm	0.800-0.820
3	I.V. of MB	W 751 QA 03 / 08	dl/gm	0.380 ± 0.010
4	Carbon Content	W 751 QA 03 / 04	%	30.00
5	Moisture	W 751 QA 03 / 01	%	≤ 0.25
6	Bulk Density	W 751 QA 03 / 05	Gm/cc	0.950 ± 0.050
7	Filter Pressure Value	W 751 QA 03 / 09	Bar/ gm	≤ 0.30
8	Chips /Gram	W 751 QA 03 / 25	Nos.	45 ± 5
9	Chips - L	W 751 QA 03 / 25	mm	3.0 ± 0.50
10	Chips - φ	W 751 QA 03 / 25	mm	2.5 ± 0.50
11	Light Fastness	ISO-105-B02	Blue scale	7-8
12	Heat Stability	DIN EN 12877-1	°C	280-300
13	Packing	25.00 Kg. In heavy duty liner with PP woven sack bag.		

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# KANDUI INDUSTRIES PVT. LTD.

## PRODUCT DATA SHEET KOLOKAN Master batch

POLYESTER BLACK

F - PET BLACK

BK/07/0099

This PET based Black Master batch contains 30 % carbon. It has good performance in fibres.

This product is produced from PET flakes.

SR	PROPERTIES	TEST METHOD	UNIT	SPECIFICATION
1	Base Polymer	-	-	PET
2	I.V. of Base Polymer	W 751 QA 03 / 08	dl/gm	0.740
3	I.V. of MB	W 751 QA 03 / 08	dl/gm	0.350 ± 0.010
4	Carbon Content	W 751 QA 03 / 04	%	30.00
5	Moisture	W 751 QA 03 / 01	%	≤ 0.25
6	Bulk Density	W 751 QA 03 / 05	Gm/cc	0.950 ± 0.050
7	Filter Pressure Value	W 751 QA 03 / 09	Bar/ gm	≤ 1.0
8	Chips /Gram	W 751 QA 03 / 25	Nos.	40 ± 5
9	Chips - L	W 751 QA 03 / 25	mm	3.0 ± 0.50
10	Chips - φ	W 751 QA 03 / 25	mm	2.5 ± 0.50
11	Light Fastness	ISO-105-B02	Blue scale	7-8
12	Heat Stability	DIN EN 12877-1	°C	280-300
13	Packing	25.00 Kg. In heavy duty liner with PP woven sack bag.		

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# KANDUI INDUSTRIES PVT. LTD.

## PRODUCT DATA SHEET KOLOKAN Master batch

POLYESTER BLACK

PET SPL. BLUISH BLACK

BK/07/0104

This PET based Black Master batch contains 30 % high jetness carbon black. It has excellent dispersion, Filterability and spin ability. This grade with good dilute ability and intrinsic viscosity is recommended for all types of polyester FDY/POY/PSF spinning lines.

SR	PROPERTIES	TEST METHOD	UNIT	SPECIFICATION
1	Base Polymer	-	-	PET
2	I.V. of Base Polymer	W 751 QA 03 / 08	dl/gm	0.800-0.820
3	I.V. of MB	W 751 QA 03 / 08	dl/gm	0.380 ± 0.010
4	Carbon Content	W 751 QA 03 / 04	%	30.00
5	Moisture	W 751 QA 03 / 01	%	≤ 0.25
6	Bulk Density	W 751 QA 03 / 05	Gm/cc	0.950 ± 0.050
7	Filter Pressure Value	W 751 QA 03 / 09	Bar/ gm	≤ 0.30
8	Chips /Gram	W 751 QA 03 / 25	Nos.	45 ± 5
9	Chips - L	W 751 QA 03 / 25	mm	3.0 ± 0.50
10	Chips - φ	W 751 QA 03 / 25	mm	2.5 ± 0.50
11	Light Fastness	ISO-105-B02	Blue scale	7-8
12	Heat Stability	DIN EN 12877-1	°C	280-300
13	Packing	25.00 Kg. In heavy duty liner with PP woven sack bag.		

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# KANDUI INDUSTRIES PVT. LTD.

## PRODUCT DATA SHEET KOLOKAN Master batch

POLYESTER BLACK

PET BLUISH JET MB -2

BK/07/0105

This PET based Black Master batch contains 30 % bluish high jetness carbon. It has excellent dispersion, Filterability and spin ability. This grade is recommended for all types of medium throughput polyester FDY/POY/PSF spinning lines where high jetness & bluish tone is required.

SR	PROPERTIES	TEST METHOD	UNIT	SPECIFICATION
1	Base Polymer	-	-	PET
2	I.V. of Base Polymer	W 751 QA 03 / 08	dl/gm	0.800-0.820
3	I.V. of MB	W 751 QA 03 / 08	dl/gm	0.380 ± 0.010
4	Carbon Content	W 751 QA 03 / 04	%	30.00
5	Moisture	W 751 QA 03 / 01	%	≤ 0.25
6	Bulk Density	W 751 QA 03 / 05	Gm/cc	0.950 ± 0.050
7	Filter Pressure Value	W 751 QA 03 / 09	Bar/ gm	≤ 0.20
8	Chips /Gram	W 751 QA 03 / 25	Nos.	45 ± 5
9	Chips - L	W 751 QA 03 / 25	mm	3.0 ± 0.50
10	Chips - φ	W 751 QA 03 / 25	mm	2.5 ± 0.50
11	Light Fastness	ISO-105-B02	Blue scale	7-8
12	Heat Stability	DIN EN 12877-1	°C	280-300
13	Packing	25.00 Kg. In heavy duty liner with PP woven sack bag.		

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# KANDUI INDUSTRIES PVT. LTD.

## PRODUCT DATA SHEET KOLOKAN Master batch

POLYESTER BLACK

PET FIBER JET BLACK

BK/07/0023

This PET based Black Master batch contains 23 % carbon. It has excellent dispersion, Filterability and spin ability. This grade is recommended for all types of Polyester fiber lines where Black Master Batch directly injected in to the polymer line.

SR	PROPERTIES	TEST METHOD	UNIT	SPECIFICATION
1	Base Polymer	-	-	PET
2	I.V. of Base Polymer	W 751 QA 03 / 08	dl/gm	0.800- 0.820
3	I.V. of MB	W 751 QA 03 / 08	dl/gm	0.370 ± 0.010
4	Carbon Content	W 751 QA 03 / 04	%	23.00
5	Moisture	W 751 QA 03 / 01	%	≤ 0.25
6	Bulk Density	W 751 QA 03 / 05	Gm/cc	0.950 ± 0.050
7	Filter Pressure Value	W 751 QA 03 / 09	Bar/ gm	≤ 0.15
8	Chips /Gram	W 751 QA 03 / 25	Nos.	45 ± 5
9	Chips - L	W 751 QA 03 / 25	mm	3.0 ± 0.50
10	Chips - φ	W 751 QA 03 / 25	mm	2.5 ± 0.50
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