

MATRIX CFB

NIR Reflective Carbon Free Black

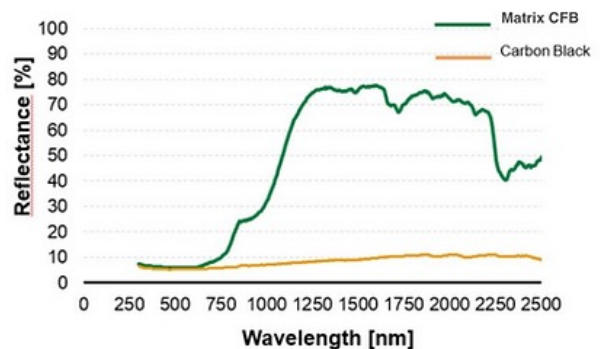
Overview:

Matrix CFB is a black masterbatch designed specifically for NIR auto sorting.

In the world of recycling, the auto-sorting of plastics through near-infrared radiation is getting popular but a problem has arisen. Near-infrared optical sorting cannot identify and separate plastics that contain carbon black. We at ASN have created a carbon-free black that is detectable by NIR optical sorting and that is a much more sustainable alternative

ASN Technologies spearheads the efforts to bring the Carbon Free Black technology to identify “Black” colour waste plastic during automated sorting done using Near Infrared Sorting machines.

MATRIX CFB masterbatch concentrates. Provides “Clean & Non-Messy Onsite introduction if Carbon Free Black. As part of ASN’s sustainability program custom solutions are built to support OEM’s goals for NIR recognizable Black products.



Typical Resins, Glass/Mineral Filled or Unfilled:

- MATRIX CFB – PO (PP or PE)
- MATRIX CFB – UNIVERSAL (PA, PET, PBT, ABS, PC, PC Alloys, TPE, TPU, Flexible or Rigid PVC)

Details	Value	Unit	Test Method
Form	Pellets	-	Visual
Colour	Black	-	Visual
Pigment Content	~ 30	%	Internal
Moisture Content	<0.20	%	ASTM D690D

Suggested Usage: 2% to 3% Loading

Packing: 25 Kg bags. Custom packing in 500 kg or more big bags is available.

Availability : Singapore, Malaysia, India

PLEASE NOTE: As each customer’s use of our product may be different, information we provide, including without limitation, recommendations, test results, samples, care/labeling/processing instructions or marketing advice, is provided in good faith but without warranty and without accepting any responsibility/liability. Each customer must test, be responsible for its own specific use, further processing, labeling, marketing, etc.

ASN Technologies Pte. Ltd. (Corporate)

8 Cross Street, #24-03, Manulife Tower, Singapore 048424
 Phone: +65-96617496 | Email: info@asntechnologies.sg | Website: www.asntechnologies.sg

Ideal Matrix Technologies Pvt. Ltd. (100% Subsidiary of ASN Technologies Pte. Ltd.)

C -90, South Extension, Part 2, New Delhi, India 110049,
 Phone: +91-9687068688 | Email: harshwardhan.singh@idealmatrix.in | Website: www.idealmatrix.in

MaTerra Solutions Pte. Ltd. (Singapore & Malaysia, Manufacturing JV)

No.7 Soon Lee Street, #02-04 ISpace, Singapore 627608 ,
 Phone: +65-69708227 | Email: sales@materrasolutions.com | Website: www.materrasolutions.com