



HAFEZ GROUP
Environmental Solutions

COMPANY PROFILE



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ABOUT US

01

Hafez Group for Environmental Solution is a well established licensed Egyptian company since **2016**, that officially registered to conduct comprehensive management, transportation, trade, and recycling operations for both hazardous and non-hazardous wastes nationwide. Our services encompass a wide array of environmental solutions aimed at fulfilling the Sustainable Development Goals (SDGs). With our commitment to sustainability and regulatory compliance, we strive to make significant contributions towards achieving a cleaner, safer, and more environmentally friendly future.





MISSION & VISION

02



Vision

Make the world safer to live in.

Mission

To be the leader in Mena region for providing sustainable solutions and the highest quality of recycled plastic raw materials to make customers satisfied Via satisfied employees



Find us on



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OUR VALUES



Our Values

INTEGRITY: We act with respect, honesty, and transparency.

ACCOUNTABILITY: We have high standards and take pride in our work.

INNOVATION: We encourage cut edge ideas, and improvements.

EXCELLENCE: We do what we say and communicate any changes.

BUILD RELATIONS : We bring together stakeholders and maximize value.





WHAT WE DO

04

What we Do ?

Environmental solutions to assist organizations and individuals towards brighter future

1-Waste management :

- Collecting
- Sorting
- Transporting
- Recycling
- Providing plastic recycled pellets
- Giving testimony of waste management

2- Doing industrial recycling to produce high quality recycled plastic pellets :

- LLDPE recycled plastic pellets
- LDPE recycled plastic pellets
- HDPE recycled plastic pellets
- PP recycled plastic pellets

As we provide customized sort of plastic recycled pellets and customized services that matches your requirement



SOME OF OUR PRODUCTS

05

HF-LDNATURAL



TECHNICAL DATA SHEET
Recycled Low Density Polyethylene (LDPE)
rLDPE [CASRN 9002-88-4]

PRODUCT TECHNICAL PROPERTIES

Properties	Value	Unit	Testing Conditions	Test Method
Density	0.932 ± 0.03	g/cm ³	23 °C	ASTM D-792
Melt Flow Index	0.93 ± 0.3	g/10 min	190°C - 2.16 kg	ASTM D-1238
Ultimate Tensile Stress	≥ 15.5	MPa	50 mm/min	ASTM D-638
Elongation at Break	≥ 1000	%	50 mm/min	ASTM D-638
Ash Content	≤ 2	%	60 min. - 700 °C	ASTM D-5630
Moisture Content	≤ 0.1	%	60 min. - 100 °C	ASTM D-6980

Recommended Application

This recycled Polyethylene grade is suitable for Polyethylene applications such as film, sheet, shopping bag, irrigation tube and electrical hose. etc..

PACKAGING

The default Package is 25 kg pack .
We could customize the package upon your request.



HF-LDHONEY



TECHNICAL DATA SHEET

Recycled Low Density Polyethylene (LDPE)
rLDPE [CASRN 9002-88-4]

PRODUCT TECHNICAL PROPERTIES

Properties	Value	Unit	Testing Conditions	Test Method
Density	0.925 ± 0.03	g/cm ³	23 °C	ASTM D-792
Melt Flow Index	0.5 ± 0.3	g/10 min	190°C - 2.16 kg	ASTM D-1238
Ultimate Tensile Stress	≥ 16.5	MPa	50 mm/min	ASTM D-638
Elongation at Break	≥ 950	%	50 mm/min	ASTM D-638
Ash Content	≤ 2	%	60 min. - 700 °C	ASTM D-5630
Moisture Content	≤ 0.1	%	60 min. - 100 °C	ASTM D-6980

Recommended Application

This recycled Polyethylene grade is suitable for Polyethylene applications such as film, sheet, shopping bag, irrigation tube and electrical hose.etc..

PACKAGING

The default Package is 25 kg pack .
We could customize the package upon your request.



HF-LDCOLOR



TECHNICAL DATA SHEET

Recycled Low Density Polyethylene (LDPE)
rLDPE [CASRN 9002-88-4]

PRODUCT TECHNICAL PROPERTIES

Properties	Value	Unit	Testing Conditions	Test Method
Density	0.990 ± 0.03	g/cm ³	23 °C	ASTM D-792
Melt Flow Index	0.6 ± 0.3	g/10 min	190°C - 2.16 kg	ASTM D-1238
Ultimate Tensile Stress	≥ 18	MPa	50 mm/min	ASTM D-638
Elongation at Break	≥ 900	%	50 mm/min	ASTM D-638
Ash Content	≤ 10	%	60 min. - 700 °C	ASTM D-5630
Moisture Content	≤ 0.1	%	60 min. - 100 °C	ASTM D-6980

Recommended Application

This recycled Polyethylene grade is suitable for Polyethylene applications such as film, sheet, shopping bag, irrigation tube and electrical hose.etc..

PACKAGING

The default Package is 25 kg pack .
We could customize the package upon your request.



HF-LDBLACK



TECHNICAL DATA SHEET
Recycled Low Density Polyethylene (LDPE)
rLDPE [CASRN 9002-88-4]

PRODUCT TECHNICAL PROPERTIES

Properties	Value	Unit	Testing Conditions	Test Method
Density	0.990 ± 0.03	g/cm ³	23 °C	ASTM D-792
Melt Flow Index	0.6 ± 0.3	g/10 min	190°C - 2.16 kg	ASTM D-1238
Ultimate Tensile Stress	≥ 18	MPa	50 mm/min	ASTM D-638
Elongation at Break	≥ 900	%	50 mm/min	ASTM D-638
Ash Content	≤ 10	%	60 min. - 700 °C	ASTM D-5630
Moisture Content	≤ 0.1	%	60 min. - 100 °C	ASTM D-6980

Recommended Application

This recycled Polyethylene grade is suitable for Polyethylene applications such as film, sheet, shopping bag, irrigation tube and electrical hose.etc..

PACKAGING

The default Package is 25 kg pack .
We could customize the package upon your request.



LDPE BLACK



TECHNICAL DATA SHEET
Recycled Low Density Polyethylene (LDPE)
rLDPE [CASRN 9002-88-4]

PRODUCT TECHNICAL PROPERTIES

Properties	Value	Unit	Testing Conditions	Test Method
Density	0.865 ± 0.03	g/cm ³	23 °C	ASTM D-792
Melt Flow Index	4.16 ± 0.3	g/10 min	190°C - 2.16 kg	ASTM D-1238
Ultimate Tensile Stress	5.49	MPa	50 mm/min	ASTM D-638
Elongation at Break	328.91	%	50 mm/min	ASTM D-638
Ash Content	≤ 10	%	60 min. - 700 °C	ASTM D-5630
Moisture Content	≤ 0.1	%	60 min. - 100 °C	ASTM D-6980

Recommended Application

This recycled Polyethylene grade is suitable for Polyethylene applications such as film, sheet, shopping bag, irrigation tube and electrical hose.etc..

PACKAGING

The default Package is 25 kg pack .
We could customize the package upon your request.

For more technical data sheets for other products , Feel free to
Contact Us





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Environmental Solutions



COMPANY PROFILE

2024-2025