



Alwashim Polymers
Industrial Factory

Who we are & what we do

Who we Are:

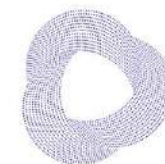
- We are a specialized recycling company focusing on treatment of plastic from post-industrial and post-consumer origin.
- Founded in 2020, our factory of over 20,000 sqm, located in Sudair Industrial City, Saudi Arabia

Commitment to quality:

- Through our latest generation production lines (grinding, washing and pelletizing), we are committed to provide our clients with highest recycled material quality
- Since product quality is our main focus, we implement a high quality control system on our products and the raw materials throughout the production cycle

Our Products:

- Our product offering includes pellets of the following materials:
 - High Density Polyethylene
 - Linear Low Density Polyethylene
 - Low Density Polyethylene
 - Polypropylene
 - Polypropylene – Polyethylene mix



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Mission

Committing to our partners

To produce fine, reliable, and trustworthy quality products in the plastic recycling market, while also promoting the recycling industry community and collaborating with relevant parties to demonstrate the industry's economic, environmental, and health benefits to society

Vision

To Make Life Better

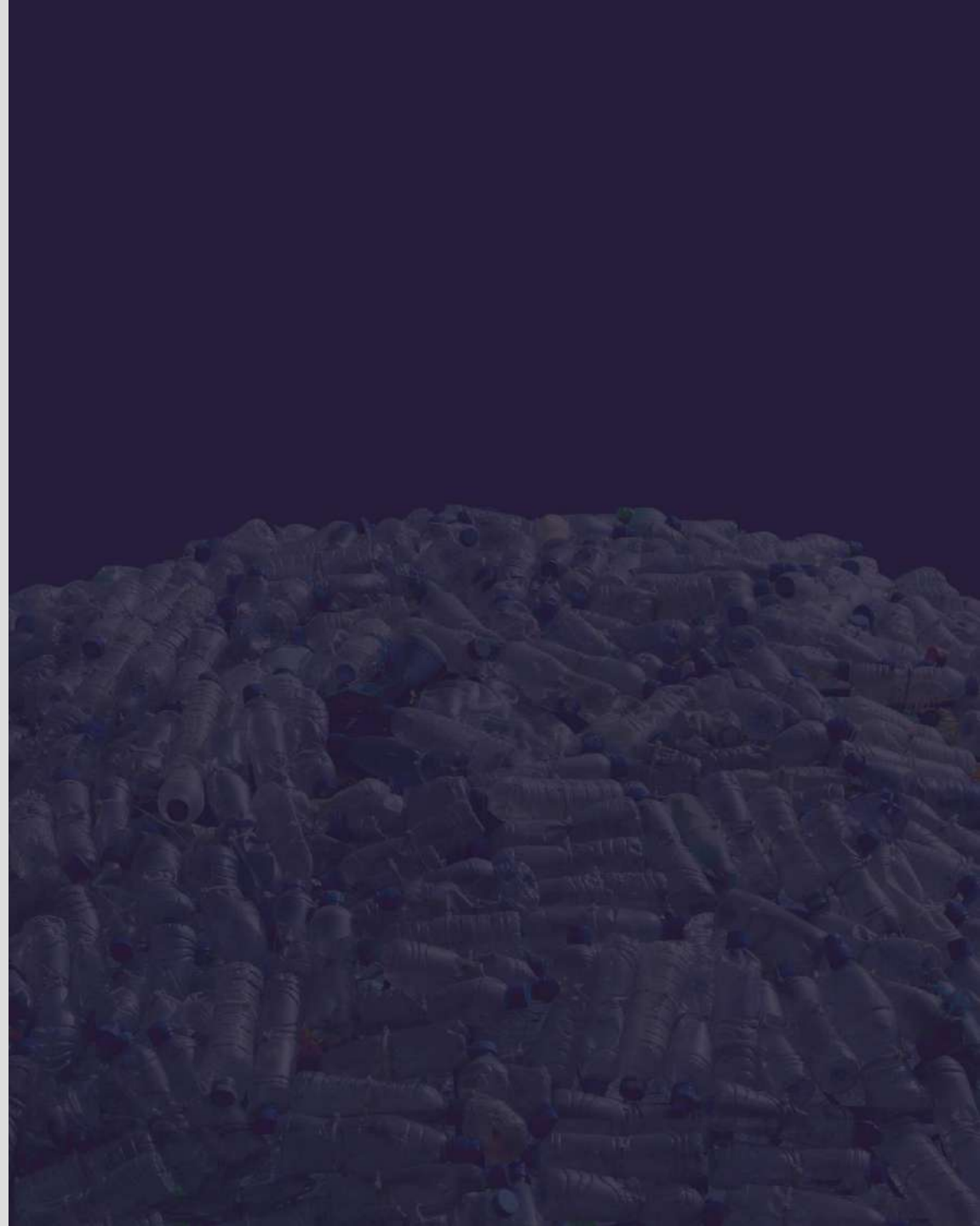
Capitalizing on our expertise has helped us seize unique opportunities in developing our community and become a trend-setter for innovation in the plastic recycling sector

We want to be recognized regionally and internationally as environmental industry pioneers and to serve as a role model in the field of the purposeful environmental economy



Objectives

- I. Maintaining environmental cleanliness and sustainability
- II. Contributing to the preservation of environmental & rationalization of energy consumption by providing an alternative to virgin raw materials



High Density Polyethylene Products



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Material	Color	Source		Application
HDPE B0724	Transparent	Postindustrial Scrap (Sabic)		Blow Molding
Properties		Values Range	Units	Test Method
MFI Rate at 190 °C & 2.16 kg		0.19 - 0.20	g/10 min	ISO 1133
MFI Rate at 190 °C & 5 kg		0.98 - 0.100	g/10 min	ISO 1133
Density Value		0.949 - 0.960	kg/m ³	ISO 1183
Ash content		0.0 -0.00	MI/g	ASTM D5630
Recommended Application				
HDPE B0724 is a blow molding consumer packaging. This grade is suitable for packaging the majority of detergents, cleaners, shampoos and non-food packaging. It is not recommended to be used 100% and not for direct contact with food, medicine and hot drinking water				





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Material	Color	Source		Application
HDPE C0723	Honey	Postindustrial Scrap (Sabic)		Blow Molding
Properties		Values Range	Units	Test Method
MFI Rate at 190 °C & 2.16 kg		0.18 - 0.20	g/10 min	ISO 1133
MFI Rate at 190 °C & 5 kg		0.96 - 0.100	g/10 min	ISO 1133
Density Value		0.959 - 0.963	kg/m ³	ISO 1183
Ash content		0.0 -0.01	MI/g	ASTM D5630
Recommended Application				
HDPE C0723 is a blow molding consumer packaging. This grade is suitable for packaging the majority of detergents, cleaners, shampoos and non-food packaging. It is not recommended to be used 100% and not for direct contact with food, medicine and hot drinking water				

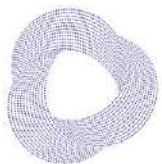




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Material	Color	Source		Application
HDPE BLWG001	Gray	Post-consumer scrap		Blow Molding
Properties		Values Range	Units	Test Method
MFI Rate at 190 °C & 2.16 kg		0.18 - 0.25	g/10 min	ISO 1133
MFI Rate at 190 °C & 5 kg		0.90 - 0.110	g/10 min	ISO 1133
Density Value		0.923 – 0.980	kg/m ³	ISO 1183
Ash content		0.1 -1.02	MI/g	ASTM D5630
Recommended Application				
HDPE BLWG001 is a blow molding consumer packaging. This grade is suitable for packaging the majority of detergents, cleaners and non-food packaging. It is not recommended to be used 100% and not for direct contact with food, medicine and hot drinking water. It can be mixed with injection molding & film industries (non-food) productions as additive for more stiffness properties				

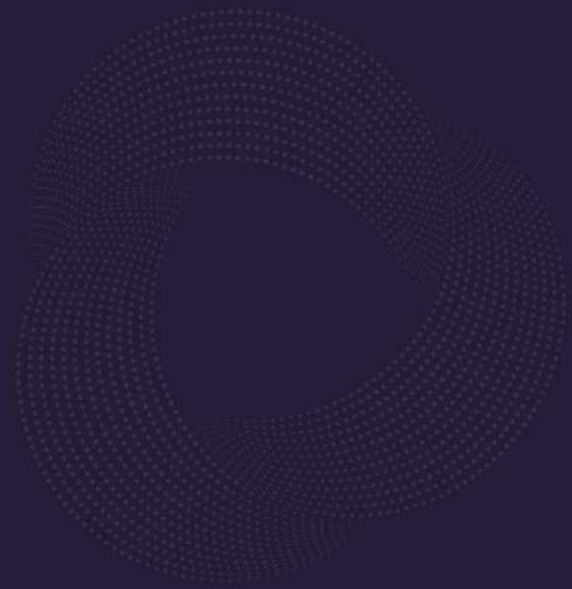




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Material	Color	Source		Application
HDPE PEH100blck	Black	Postindustrial Scrap (Sabic)		Extrusion
Properties		Values Range	Units	Test Method
MFI Rate at 190 °C & 2.16 kg		6.1 – 6.8	g/10 min	ISO 1133
MFI Rate at 190 °C & 5 kg		0.18 – 0.20	g/10 min	ISO 1133
Density Value		0.953 – 0.986	kg/m ³	ISO 1183
Ash content		0.1 – 1.02	MI/g	ASTM D5630
Recommended Application				
HDPE PEH100blck: High Density Polyethylene black colored. It is recommended to be used for extrusion industry (gas, water distribution, sewage and drainage pipes) and it should not be used in contact food or drink. Not recommended to be used 100%				

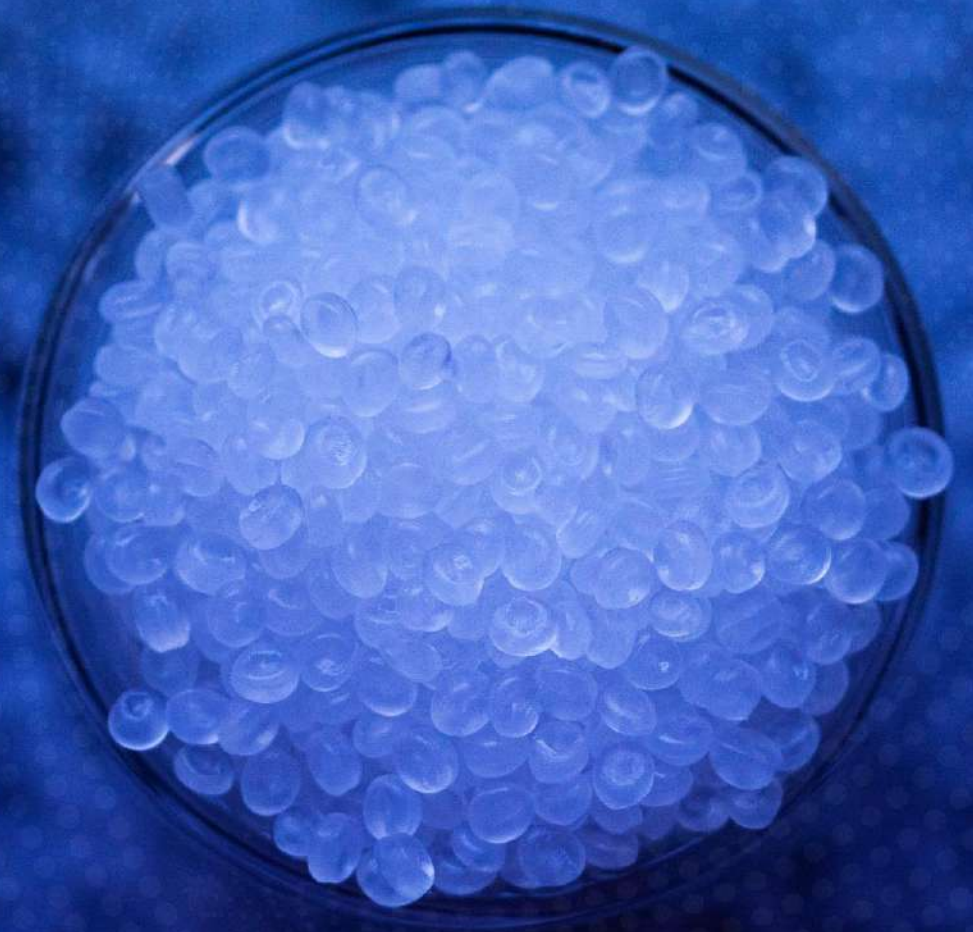




Plastic raw materials serving
sophisticated functions



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Linear Low Density Polyethylene Products



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Material	Color	Source		Application
LLDP EA077	Transparent	Postindustrial Scrap (Sabic)		Blown film
Properties		Values Range	Units	Test Method
MFI Rate at 190 °C & 2.16 kg		2 – 2.16	g/10 min	ASTM D1238
Density Value		916-921	kg/m ³	ASTM D1505
Ash content		0.0	MI/g	ASTM D5630
Recommended Application				
LLDPE A077 Linear Low Density Polyethylene grade suitable for general-purpose packaging such as shopping bags, carrier bags, garbage bags, coextruded applications and consumer packaging. It is not recommended to be used %100 and not in direct contact with food and water				





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Material	Color	Source		Application
LLDPE B076	Transparent	Postindustrial Scrap (Sabic)		Blown film
Properties		Values Range	Units	Test Method
MFI Rate at 190 °C & 2.16 kg		2 – 2.4	g/10 min	ASTM D1238
Density Value		916-923	kg/m ³	ASTM D1505
Ash content		0.0	MI/g	ASTM D5630
Recommended Application				
LLDPE B076 Linear Low Density Polyethylene grade suitable for general-purpose packaging such as shopping bags, carrier bags, garbage bags, coextruded applications and consumer packaging. It is not recommended to be used %100 and not in direct contact with food and water				





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Material	Color	Source		Application
LLDPE C074	Honey	Postindustrial Scrap (Sabic)		Blown film
Properties		Values Range	Units	Test Method
MFI Rate at 190 °C & 2.16 kg		1.99 – 2.2	g/10 min	ASTM D1238
Density Value		910-922	kg/m ³	ASTM D1505
Ash content		0.0	MI/g	ASTM D5630
Recommended Application				
LLDPE C074 Linear Low Density Polyethylene grade suitable for general-purpose packaging such as shopping bags, carrier bags, garbage bags & consumer packaging. It is not recommended to be used 100% and not in direct contact with food and drinking water				



Utilizing up-to date
technological machinery



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Low Density Polyethylene Products



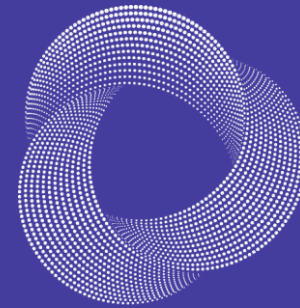
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Material	Color	Source		Application
LDPE A077	Transparent	Postindustrial Scrap (Sabic)		Shrink film, Food packaging film, blown and cast Film
Properties		Values Range	Units	Test Method
MFI Rate at 190 °C & 2.16 kg		3.02 - 3.1	g/10 min	ASTM D 1238
Density Value		900-920	kg/m ³	ASTM D1505
Ash content		0.0	MI/g	ASTM D5630
Recommended Application				
LDPE A077 is recommended for mono and multilayer blown film extrusion – it is suitable for general-purpose packaging such as Freezer bags , shopping bags , industrial packaging. Additionally it is also recommended to be used with the shrink packaging industry through mixing with the standard grade to avoid the melt index difference & missing additives				





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Polypropylene Product



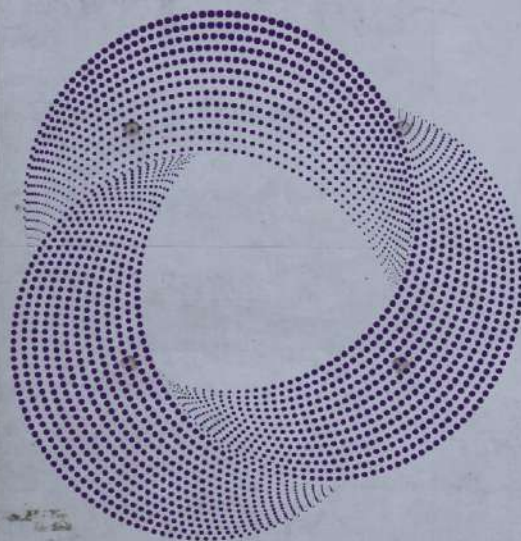
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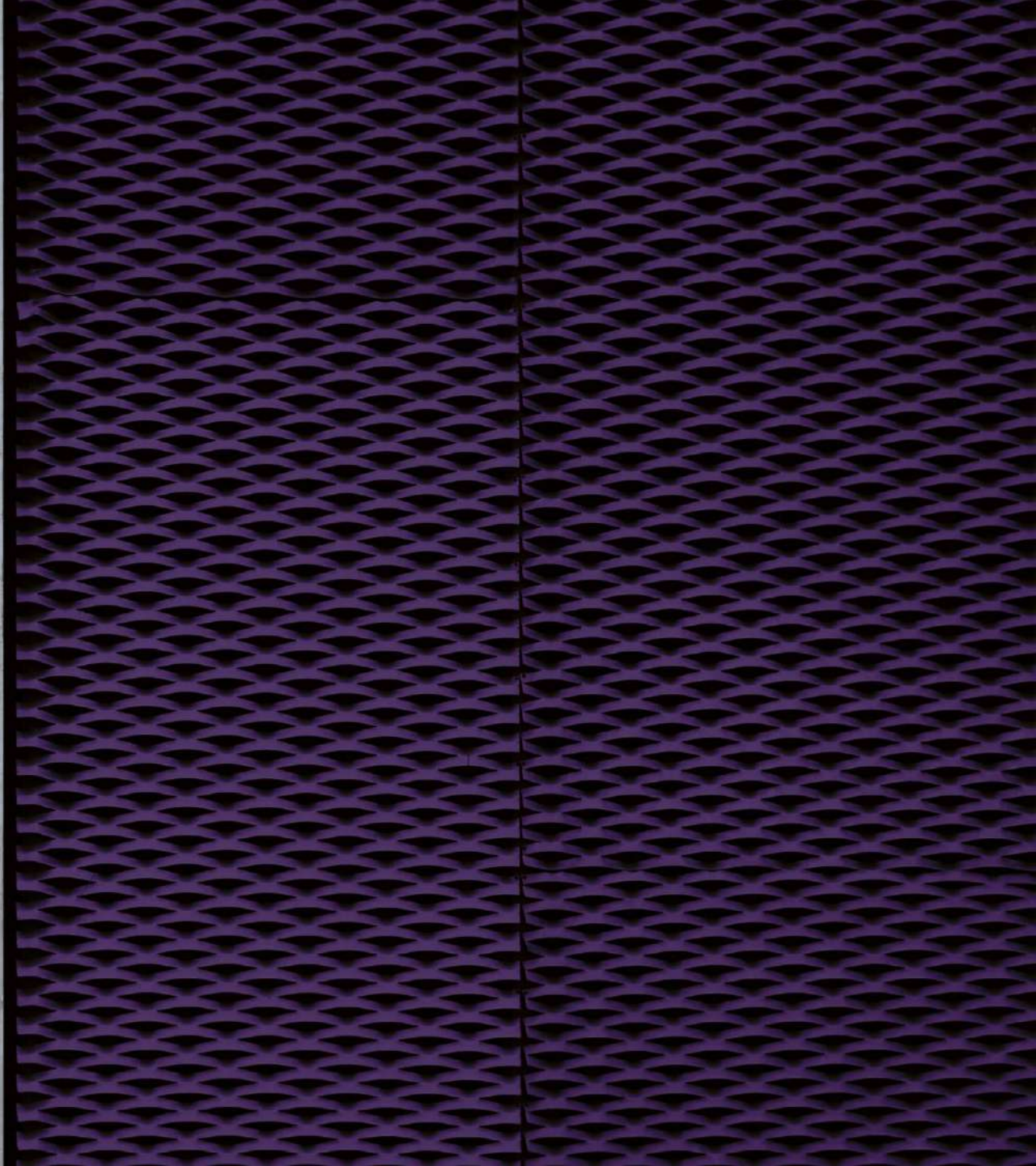
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Material	Color	Source		Application
PP A0665	Transparent	Postindustrial Scrap (Sabic)		Injection Molding
Properties		Values Range	Units	Test Method
MFI Rate at 230°C & 2.16kg		9.88 - 13.2	g/10 min	ASTM D 1238
Density Value		900-908	kg/m ³	ISO 1183
Ash content		0.1 -1.02	MI/g	ASTM D5630
Recommended Application				
PP A0667 Polypropylene Homopolymer rigid injection molding. General purpose application, should not to be used in pharmaceutical / medical applications.				





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Polypropylene Polyethylene Mix Products



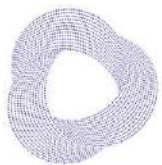
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Material	Color	Source		Application
MXA762	Transparent	Postindustrial Scrap (Sabic)		Multi Purpose
Properties		Values Range	Units	Test Method
MFI Rate at 230°C & 2.16kg		5.3 - 11.4	g/10 min	ASTM D 1238
Density Value		1.6-7.9	kg/m ³	ISO 1183
Ash content		0.00	MI/g	ASTM D5630
Recommended Application				
MXA762 is a mixture of polyethylene and polypropylene grades, the disparity of the materials grades in the mixture can be good advantage and solution for some applications such as plastic ropes and straps, some injection molding parts, isolation sheets & rolls. It can be used also as a PP and HD injection molding filler. Because the mixed materials percentage are not fixed it is recommended to use it in low percentage with any of the above applications (not more than 15%)				





Material	Color	Source		Application
MX762	Transparent / Black granules	Postindustrial Scrap (Sabic)		Multi Purpose
Properties		Values Range	Units	Test Method
MFI Rate at 230°C & 2.16kg		5.3 - 11.4	g/10 min	ASTM D 1238
Density Value		1.2-6.8	kg/m ³	ISO 1183
Ash content		0.01	MI/g	ASTM D5630
Recommended Application				
MX762 is a mixture of polyethylene and polypropylene grades, the disparity of the materials grades in the mixture can be good advantage and solution for some applications such as plastic ropes and straps, some injection molding parts, isolations sheets & rolls and it can be used also as a PP and HD injection molding filler. Because the mixed materials percentage are not fixed it is recommended to use it in low percentage with any of this applications (not more than 15%)				



Contact US



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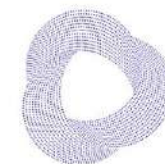
Contact US

For order inquiry , please contact us at the following emails

- Saud Aljomaih: saud.aljomaih@saudisacab.com
- Thamer Aljomaih: thamer.aljomaih@saudisacab.com

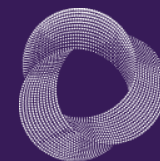
Or send inquiries to WhatsApp

- WhatsApp: +966 54 257 2359



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Thank You



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