



AL Zamel Company

For the import and trade of plastic raw materials

Our products



HDPE TR144

Category	Grade	Physical Properties	Value	Unit	TEST Method
HDPE	TR144	Melt Flow Index (190°C / 2.16 kg)	0.18	g/min	ASTM D1238

Typical applications for HHM TR-144 include:

- T-shirt bags
- Multi-wall liners
- Trash bags

HDPE-B5429

Category	Grade	Physical Properties	Value	Unit	TEST Method
HDPE	B5429	Melt Flow Index (190°C / 2.16 kg)	0.3	g/min	ASTM D1238

Application:

B5429 is classified as a multipurpose blow molding grade. It may be blow molded into containers for household and industrial chemicals (eg. Detergents, bleach, fabric softeners, solvents, paints etc), automotive supplies, foodstuffs, toiletries and cosmetics. They can also be used in other hollow thin walled parts and profile extrusions.

HDPE-F00952

Category	Grade	Physical Properties	Value	Unit	TEST Method
HDPE	F00952	Melt Flow Index (190°C / 2.16 kg)	0.05	g/min	ASTM D1238

Application:

HDPE F00952 resin is recommended for blown film extrusion. This product is suggested for the manufacture of high strength grocery sacks, shopping bags and high quality thin films for multi wall sack liners and replacement for thin paper products. Films of this product are readily treated and printed to give high quality graphics.

HDPE-M200056

Category	Grade	Physical Properties	Value	Unit	TEST Method
HDPE	M200056	Melt Flow Index (190°C / 2.16 kg)	20	g/min	ASTM D1238

Application:

HDPE M200056 is recommended for injection moulding of food containers, housewares, toys, base cups, caps and closures.

LDPE-HP0322N

Category	Grade	Physical Properties	Value	Unit	TEST Method
LDPE	HP0322N	Melt Flow Index (190°C / 2.16 kg)	0.33	g/min	ASTM D1238

Application:

HP0322N can be used for Heavy-duty bags, industrial shrink films, construction and agricultural films.

LDPE-HP2023J

Category	Grade	Physical Properties	Value	Unit	TEST Method
LDPE	HP2023J	Melt Flow Index (190°C / 2.16 kg)	2	g/min	ASTM D1238

Application:

Thin shrink film, lamination film, produce bags, textile packaging, soft goods packaging, general-purpose bags with good optics and t-shirts carrier bags.

LDPE-HP4023W

Category	Grade	Physical Properties	Value	Unit	TEST Method
LDPE	HP4023W	Melt Flow Index (190°C / 2.16 kg)	4	g/min	ASTM D1238

Application:

HP4023W can be used for high clarity laundry bags, textile wrapping films, produce bags zip lock bags.

LDPE-1925AS

Category	Grade	Physical Properties	Value	Unit	TEST Method
LDPE	1925AS	Melt Flow Index (190°C / 2.16 kg)	1.9	g/min	ISO 1133

Application:

Bags & Pouches, Shrink Film, Food Packaging, Surface Protection.



LDPE-4025AS

Category	Grade	Physical Properties	Value	Unit	TEST Method
LDPE	4025AS	Melt Flow Index (190°C / 2.16 kg)	4	g/min	ISO 1133

Application:

Shrink Film, Food Packaging Film, Blown Film and Cast Film.



LLDPE-118NJ

Category	Grade	Physical Properties	Value	Unit	TEST Method
LLDPE	118NJ	Melt Flow Index (190°C / 2.16 kg)	1	g/min	ASTM D1238

Application:

Shipping sacks, ica bags, frozen food bags, stretch wrap film, produce bags, liners, carrier bags, garbage bags, agricultural films, laminated and coextruded films for meat wrap, frozen food and other food packaging, shrink film (for blending with LDPE), industrial consumer packaging, and high clarity film applications if blended with (10- 20%) LDPE.

LLDPE-218NJ

Category	Grade	Physical Properties	Value	Unit	TEST Method
LLDPE	218NJ	Melt Flow Index (190°C / 2.16 kg)	2	g/min	ASTM D1238

Application:

Lamination film, thin liners, shopping bags, carrier bags, garbage bags, coextruded films, consumer packaging and other general-purpose applications.

LLDPE-1210P

Category	Grade	Physical Properties	Value	Unit	TEST Method
LLDPE	1210P	Melt Flow Index (190°C / 2.16 kg)	1	g/min	ISO 1133

- Main Characteristic and Applications:
- Used in Industrial, Food & Specialty Packaging
 - Better optics and processability
 - Better color stability
 - Good sealing performance

LLDPE-1211P

Category	Grade	Physical Properties	Value	Unit	TEST Method
LLDPE	1211P	Melt Flow Index (190°C / 2.16 kg)	1	g/min	ISO 1133

- Main Characteristic and Applications:
- Used in Industrial, Food & Specialty Packaging
 - Better optics and processability
 - Better color stability
 - Good sealing performance

LLDPE-1220P

Category	Grade	Physical Properties	Value	Unit	TEST Method
LLDPE	1220P	Melt Flow Index (190°C / 2.16 kg)	2	g/min	ISO 1133

- Main Characteristic and Applications:
- Used in Industrial, Food & Specialty Packaging
 - Better optics and processability
 - Better color stability

LLDPE-1221P

Category	Grade	Physical Properties	Value	Unit	TEST Method
LLDPE	1221P	Melt Flow Index (190°C / 2.16 kg)	2	g/min	ISO 1133

- Main Characteristic and Applications:
- Used in Industrial, Food & Specialty Packaging
 - Better optics and processability
 - Better color stability



PP-HP150G

Category	Grade	Physical Properties	Value	Unit	TEST Method
PP	HP150G	Melt Flow Index (190°C / 2.16 kg)	15	g/min	ASTM D1238

- Application:
- General purpose, housewares.
 - This product is not intended for use in medical and pharmaceutical applications.

PP-HP30G

Category	Grade	Physical Properties	Value	Unit	TEST Method
PP	HP30G	Melt Flow Index (190°C / 2.16 kg)	3	g/min	ASTM D1238

- Application:
- Woven sacks, woven cloths, monofilament, binding tape, thermoforming.
 - This product is not intended for use in medical and pharmaceutical applications.

PP-500P

Category	Grade	Physical Properties	Value	Unit	TEST Method
PP	500P	Melt Flow Index (190°C / 2.16 kg)	3	g/min	ASTM D1238

- Application:
- If applied for extrusion 500P shows an excellent stretch ability and is therefore suitable for tapes and strapping, high tenacity yarns and carpet backing. It can also be used in ropes and twines, woven bags, flexible intermediate bulk containers geotextiles and concrete reinforcements.
 - For thermoforming it shows a unique balance between transparency, impact resistance and thickness uniformity.
 - 500P is also suitable for production of injection molded articles e.g. caps and closures and house ware products, where this grade shows a high stiffness, combined with a fair impact resistance and very good surface hardness

PP-520L

Category	Grade	Physical Properties	Value	Unit	TEST Method
PP	520L	Melt Flow Index (190°C / 2.16 kg)	10	g/min	ASTM D1238

- Application:
- PP 520L can be used for producing garment packaging, text les packaging, magazine covers and for food packaging

PP-575P

Category	Grade	Physical Properties	Value	Unit	TEST Method
PP	575P	Melt Flow Index (190°C / 2.16 kg)	11	g/min	ASTM D1238

- Application:
- PP 575P can be used for houseware articles, caps, closures, containers and toys.



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