



PRODUCT CATALOG

2025

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Welcome to Our Product Catalog

PT. General Polymer Indonesia

General Polymer Indonesia the Indonesian Basic Industries Corporation, is one of the world's leading manufacturers of specialty chemicals and polymers.

About Us

General Polymer Indonesia the Indonesian Basic Industries Corporation, is one of the world's leading manufacturers of specialty chemicals and polymers. Customers around the world use our products to make consumer and industrial products fundamental to modern life.

General Polymer Indonesia is one of Indonesia's leading manufacturers of chemicals and plastics with one of the best known brands in the country. We offer a full range of products and compete in all chemicals and plastics markets throughout Asia Pacific.

Capturing moments with precision, passion, and timeless clarity.



About Our Products

High Density Polyethylene

General Polymer Indonesia high density polyethylene (HDPE) grades numerous end-use requirements that at one time were only achievable by using metal, glass and fiber. HDPE is also used to produce safety equipment, home insulation, household/industrial chemicals and motor oil, lawn care chemicals, pressure pipe and sheet applications.

APPLICATIONS

- » HDPE is used in numerous customer applications:
- » Grocery merchandise and trash bags
- » Containers for frozen food and dairy products
- » Caps and closures
- » Liners for cereal, crackers and other food packaging
- » Plastic fuel tanks
- » Drink cups, dairy crates and bread trays
- » Toys and pails for items from paint to fresh produce
- » Safety and technical information for HDPE you may get by contacting our Marketing Staff and Technical Support.



High Density Polyethylene

No.	GPI Code Part	Code Part - IPC	Code Part Lama	HS Code	Method	Melt Flow Rate (gm/10m in)	Density	Characteristic	Application
1	HD 004FX	HD004E	HD004E		Film Extrusion	0,04	0,956	High Tear Strength, Good Bubble Stability And Processability	Industrial Packing Bag, Shopping Bag And Trash Bag
2	HD 005FX	HF006H	HEF006			0,05	0,952	Excellent Process Ability Excellent Draw Down Capability High Film Strength And Rigidity	Very Thin Reinforcing Film, Grocery Bags, Merchandize Bags, Disposal Waste Bags, Shopping Bag
3	HD 006FX	HF15E				0,06	0,952	- High Productivity - High Tensile Strength - Good Dart Impact Strength - Low Gel Content - Good Moisture Barrier	- Liner Bags - Garbage Bags - Shopping and T-shirt Bags
4	HD 007FX	HF007H	HEF007			0,07	0,952	Excellent Process Ability Excellent Draw Down Capability High Film Strength And Rigidity	Very Thin Reinforcing Film, Grocery Bags, Merchandize Bags, Disposal Waste Bags, Shopping Bag
5	HD 010FX	HF010H	HEF01			0,10	0,100	Comonomare Hexane, Good Drawn Down, Molecular Wt, High, High Strenght	Grocery Sacks, Shopping Bags, Liners
6	HD 015FX	HF015HA	HEF015			0,15	0,950	Molecular Wt, Medium Good Processing Characteristic Good Film Stiffness For Thin Gauge Film Application	Trash Can Liners, Shopping Bags, Thin Film For Laminate, Packing Film
7	HD 02FX	HF02H	HEF02			0,2	0,948	Is Pelleted Medium Molecular Weight, High Density Polyethylene Hexene-1 For Tubular Film Extrusion	Grocery Sacks, Shopping Bags, Liners, And Thin Fil
8	HD 030FX	HF030H	HEF03			0,30	0,937	Is Pelleted Medium Molecular Weight, High Density Polyethylene Hexene-1 For Tubular Film Extrusion	Trash Can Liners, Produce, Merchandis
9	HD 800FX	HF8H	HEF8			8	0,950	Butene As Co Monomer Good Stiffness And Tenacity High Molar Mass	Extrusion Film, Conunter Bag, Carrier Bag, Wrapping Films
10	HD 10FX	HF10H	H10FE			10	0,952	Films Are Nearly Gel Free And Have Excellent Treatability. They Are Ideally Suited For Printing Of High Quality Graphics.	High Strength Grocery Sacks, Shopping Bags, Produce Bags And High Quality Thin Films For Multiwall Sack Liners And Replacements For Thin Paper Products
11	HD 035BF	HB0035	HBF0035		Blow Film	0,035	0,950	Hexene Copolymer, Excellent Tensile Strength, Excellent Impact And Tear Strength, High Molecular Weight, Enhanced Ultra Thin Film Process Ability	General Packaging, Industrial Liners, Shopping Bags, Disposal Bags, Grocery Bags.
12	HD 005BF	HB005	HBF005			0,05	0,952	Hexene Copolymer, Excellent Tensile Strength, Excellent Impact And Tear Strength, High Molecular Weight, Enhanced Ultra Thin Film Process Ability, Blown Film	General Packaging, Industrial Liners, Shopping Bags, Disposal Bags, Grocery Bags
13	HD 007BF	HB007	HBF007			0,07	0,952	Hexene Copolymer, Excellent Tensile Strength, Excellent Impact And Tear Strength, High Molecular Weight, Enhanced Ultra Thin Film Process Ability, Blown Film	Very Thin Reinforcing Films, Merchandise Bags, Disposal Waste Bags, Shopping Bags
14	HD 008BF	HB008	HBF008			0,08	0,950	Suitable For Thin Blown Film Extrusion, And Characterized By Easy Extrusion And Processing, Low Gel Level And Good Tensile Properties.	Specialized For Blow Film Applications Such As Carrier Bags Food Packaging, Industrial Packaging, Etc
15	HD 015BF	HB015	HBF015			0,15	0,952	Board Molecular Weight, High Molecular Weight, Enhanced Ultra Thin Film Process Ability, Blown Film	Deep Freezer Bags, Industrial Liners, Shopping Bags, Disposal Bags, Notion Bags
16	HD 018BF	HB018	HBF018			0,18	0,946	Suitable For Thin Blown Film Extrusion, And Toughness And Durability And Good Processability, Good Blending Characteristics.	T-Shirt Bags, Multi-Wall Liners, Trash Bags
17	HD 035BF-1	HB035	HBF035			0,35	0,950	Hexene Copolymer, Excellent Tensile Strength, Excellent Impact And Tear Strength, High Molecular Weight, Enhanced Ultra Thin Film Process Ability	General Packaging, Industrial Liners, Shopping Bags, Disposal Bags, Grocery Bags.
18	HD 004BF	HDF 700	-			0,04	0,956	Good Heat Sealability, Good Stiffness, High Mechanical Strength, High Quality Film Applications, Wide Range of Size and Thickness	Plastic Gloves, Shopping Bags, Bags On Roll, Garbage Bags, Re-Sealable Bags, Sanitary Bags, T-Shirt Bags
19	HD 20IM	HI2	HIM2		Injection Molding	2,0	0,95	Good Strength, Good Organoleptic Properties	Caps , Closures
20	HD 40IM	HI4A	HIM4A			4,0	0,957	Food Contact Acceptable, Good Stiffness High Impact Resistance, High Rigidity High Weathering Resistance, Ultraviolet (UV) Light Stabilised	Caps and Closure, Crates / Pallet Boxes Pails and Large Dustbin, Industrial Applications
21	HD 40IM-1	HI4B	HIM4B			4,0	0,957	Butene Comonomer , Good Toughness, High Gloss, High Stiffness	Butene Comonomer, Good Toughness, High Gloss, High Stiffness
22	HD 40IM-2	HI4C	HIM4C			4,0	0,957	Good Strength	Containers, Crates, Industrial Applications
23	HD 70IM	HI7A	HIM7A			7,0	0,959	Good Stiffness Good Impact Strength	Large Size Heavy Duty Articles, Crates And Containers, Industrial Pails, Pallets, Silicon Cartridg
24	HD70IM-1	HI7B	HIM7B			7,0	0,961	Excellent Stiffness Non Uv Stabilized	Large Size Heavy Duty Articles Crates, Industrial Pails, Pallets, Dustbin
25	HD 8IM	HI8	HIM8			8,0	0,957	Butane Co Monomer, Good Process Ability, Good Stiffness, Good Toughnes	Crates, Industrial Applications, Industrial Parts, Pails
26	HD 8IM-1	HI8 - HD				8,0	0,958	Easy Processing High Warpage Resistance UV Stabilizer for Outdoor Exposure High Rigidity and Good Impact Resistance	Crates and Pails Industrial Parts and Containers Pallets, Structural Foam and Seats
27	HD 12IM	HI12	HIM12			12	0,957	Butene Comonomer, Good Moldability, Good Toughness, High Gloss, Narrow Molecular Weight Distribution, Black	Food Containers, Household Goods, Pails, Toy
28	HD 15IM	HI15	HIM15			15	0,939	Butene Comonomer, Good Moldability, Good Toughness, High Gloss, Narrow Molecular Weight Distribution, Black	Food Containers, Household Goods, Pails, Toy
29	HD 18IM	HI18	HIM18			18	0,95	Flow Rate, Suitable Fast Process Cycles, Low Molding Warpage, Good Toughness	House Wares, Thin Walled Containers, Toys

High Density Polyethylene

30	HD 20IM-1	HI20A	HIM20A			20	0,957	Butene Comonomer , Good Moldability, Good Toughness, High Gloss, Narrow Molecular, Weight Distribution	Food Containers, Household Goods, Pails, Toys		
31	HD 20IM-2	HI20B	HIM20B			20	0,959	Good Mold Ability, Good Strength, Food Contact Acceptable	General Products, Crate, Thin-Walled Products		
32	HD 8IM-2	HI8 - HD	-			8.0	0.958	Easy Processing High Warpage Resistance UV Stabilizer for Outdoor Exposure High Rigidity and Good Impact Resistance	Crates and Pails Industrial Parts and Containers Pallets, Structural Foam and Seats		
33	HD 50IM	HI50				50	0.948	- multi-purpose high-flow resin - low temperature - impact performance - processing and thermal stability - good color and organoleptic properties	- TWIM Food Containers - rigid food containers - dairy product containers, - small frozen food containers - promotional drink cups		
34	HD 045BM	HM0045	HBM0045	39012000	Blow Molding	0,045	0,955	Good Strength, High Escr (Stress Crackresist)	Containers, Cosmetics, Industrial Containers, Pharmaceuticals		
35	HD 045BM-1	HM045	HBM045			0,045	0,955	Good Strength, High Escr (Stress Crack Resist.)	Blow Molding Applications, Containers For Milk, Cosmetics, Industrial Containers, Homecare Bottles		
36	HD 025BM	HM025	HBM025			0,25	0,955	Excellent Stiffness, Good Processability	Blow Molding Applications, Containers For Milk, Cosmetics, Industrial Containers, Homecare Bottles		
37	HD 03BM	HM03	HBM03			0,3	0,946	Excellent Stiffness, Good Processability	Ice Chests And Coolers, Household And Industrial Chemical Containers, Food Packaging, Pharmaceuticals		
38	HD 035BM	HM035	HBM035			0,35	0,955	Excellent Stiffness, Good Processability	Ice Chests And Coolers, Household And Industrial Chemical Containers, Food Packaging, Pharmaceuticals		
39	HD 039BM	HM039	HBM039			0,39	0,958	Good Strength, High Escr (Stress Crack Resist)	Blow Molding Applications, Containers For Milk, Cosmetics, Industrial Containers, Homecare Bottles		
40	HD 5BM	HM5	HBM5			5	0,969	Good Chemical Resistance, Good Melt Strength, Hexene Comonomer , High Escr (Stress Crack Resistance) , High Impact Resistance, High Rigidity, Black	Blow Molding Applications, Containers, Cosmetics, Drums, Industrial Containers		
41	HD 10BM	HM10	HBM10			10	0,949	Good Chemical Resistance, Good Melt Strength, Hexene Comonomer, High Escr (Stress Crack Resistance), High Impact Resistance, High Rigidity, Moderate Die Swell	Blow Molding Applications, Containers, Cosmetics, Drums, Industrial Containers, Agricultural Chemical Tanks		
42	HD 10BM-1	HN10	HBF10			10	0,951	Good Melt Strength Good Chemical Resistance UV Stabilizer for Outdoor Exposure Extra High Hexene Comonomer Excellent low temperature impact strength Excellent ESCR (Stress Crack Resistance)	Containers (up to 250L) Drums and Pallets Gasoline Tanks Truck Bed Liners and Boats Industrial Containers Agricultural Chemical Tanks		
43	HD 005P	HP0050	HP005				Pipe	0,05	0,953	Good Creep Resistance High Impact Resistance	Industrial Applications, Piping
44	HD 006P	HP006H	HP006	0,06	0,949			Natural Pellet, High Tensile Properties. Long Term Hydrostatic Strength, Excellent Stress Cracking Resistance	Pipe Applications		
45	HD 006P-1	HP006B	HP007	0,06	0,949			Ensuring Safe And Durable Pipe Systems High Tensile Properties Excellent Long Term Stability Bimodal Molecular	For Hot & Cold Water Pipe As Well As Demanding Industrial Pipe Applications		
46	HD 025P	HP025	HP025	0,25	0,959			Good Processing, High Hop Stress, Low Sagging, High Strength, Hexene Co Monomer.	Water Pipes, Municipal Pipes, Industrial Pipe		
47	HD 04P	HP04	HP04	0,4	0,95			Out Standing Stress Crack Resistance, High Hop Stress, Low Temperature Toughness, High Strength, Hexene Co Monomer	Water Pipes, Municipal Pipes, Industrial Pipe		
48	HD 045P	HP045	HP006 Black	0,45	0,959			Pe 100 Black Pipe Compound	Pe - 100 Design, Pressure Pipe, Water Distribution Pipe		
49	HD 052P	HP052	HDPE PE 80	0,52	0,955			High Flexibility, Heat Resist Capability, Homogenous Joining, Improves Strenght, Reduces Fitting Application	Drinking Water Transport, Liquid Gas Transport, Hot Water Distribution, Underground Cable Protection		
50	HD 07P	HP07	HP07	0,7	0,947			Ensuring Safe And Durable Pipe Systems, High Tensile Properties, Excellent Long Term Stability, Bimodal Molecular	For Hot & Cold Water Pipe As Well As Demanding Industrial Pipe Applications		
51	YARNEX HD.08	HY08	HY08		Yarn & Monofilament			0,8	0,950	Good Drawdown, Good Process Ability, High Stiffness	High Tenacity Flat Yarn, Monofilaments, Netting, Rope
52	YARNEX HD.095	HY95	HY95					0,95	0,954	Good Process Ability, Good Stretchability, High Tenacity, High Impact Strength	Ropes And Nets, Woven Bags, Tarpaulin, Extruder Sheet
53	YARNEX HD.01	HY1	HY1			1,0	0,956	Good Process Ability, Good Stretchability, High Tenacity, High Impact Strength	Ropes And Nets, Woven Bags, Tarpaulin, Extruder Sheet		
54	HD 08WC	LWC08C	LWC08		Wire and Cable Grade	0,8	0,948	Designed For Low Shrinkback After Extrusion	Designed As Primary Insulation For Telephone Singles		
55	HD 11WC	HW 551				1.1	0.955	Good Performance of Telecommunication Applications Long-term Insulation Stability Performance Good Mechanical Properties High Extrusion Speed	Solid Insulation of Communication Cable Suitable for Outer Skin Constructions		
56	HD 015WC	HW 015				0.15	0.950	Black Bimodal HDPE Compound Excellent Mechanical Properties Excellent Weathering and ESCR UV Resistance Well-dispersed Carbon Black	Jacketing of Fiber Optic Cable Jacketing of Power Cable Underground Application Wire and Cable		
57	HD ROTO 35X	HR-991W			ROTOMOULDIN G	3.5	0.940	- High stiffness - excellent impact resistance - long lasting durability - good processability - meets as/nzs 4766 requirements	- Medium to large water tanks (5,000 L-22,500 L) - Manholes - Septic tanks - Underground water tanks - Kayaks - Wheel barrow tray		

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