



PETRO NOUR MEHR

International Trading Co.

Polyethylene grades:

HDPE

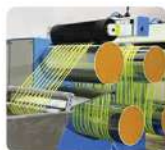
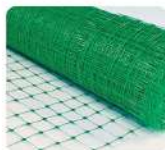
LDPE

LLDPE





POLYETHYLENE EXTRUSION GRADES



NAME OF GRADE	MFI	Density (g/cm ³)	Application
HDPE-5000S	0.8 (190 C/2.16 kg)	0.954	<ul style="list-style-type: none"> - Fishing net - Rope - Agricultural net - Tarpaulin



POLYETHYLENE INJECTION MOLDING GRADES



NAME OF GRADE	MFI	Density (g/cm ³)	Application	
HDPE-5030 SA	2 (190 C/2.16kg)	0.95	- caps - closures	
HDPE-6040	3.6 (190 C/2.16kg)	0.96	- Technical parts - Large dustbins and pails - Shipping container	- Storing cases - Pallet - Fish crates
HDPE-54B04	4 (190 C/2.16kg)	0.954	- Caps and Closures - Crates	- Boxes - Pallets - Seats
HDPE-62N07	7 (190 C/2.16kg)	0.962	- House Holdware - Pallets	- Crates - Seats
HD-60507UA	7.5 (190 C/2.16kg)	0.958	- Crates	
HDPE-52518	18 (190 C/2.16kg)	0.954	- House Holdware	
HDPE-52B18	18 (190 C/2.16kg)	0.952	- Containers - General Purpose	- Thin Walled Foam
LDPE-LIM 1922	22 (190 C/2.16kg)	0.919	- toys - caps	- household articles





POLYETHYLENE FILM GRADES



HDPE FILM APPLICATION

NAME OF GRADE	MFI	Density (g/cm3)	Application
HDPE-7000F	0.04 (190 C/2.16kg)	0.954	- Shopping bag and T-shirt bag - Garbage bag - Liner bag - Enhanced ultra thin film
HDPE-3713	0.1 (190 C/21.6kg)	0.937	- Film - Bags - Film extrusion (Reusable bags, carrier bags, T-shirt bags)
HDPE-EX5	8 (190 C/21.6kg)	0.959	- Counter - Bags - Carried Bags - Wrapping Films
HDPE-5110	10 (190 C/2.16kg)	0.951	- Film - Bags - Products for use in property modification



POLYETHYLENE FILM GRADES



LDPE FILM APPLICATION

NAME OF GRADE	MFI	Density (g/cm ³)	Application
LDPE-2420D	0.25 (190 C/2.16kg)	0.923	- Shrink Film - Bottles for Consumer Goods - Bags & Pouches - Blown Film
LDPE-LFI2130	0.3 (190 C/2.16kg)	0.921	- heavy duty packaging film - Blown film extrusion - shrink hoods - industrial sacks - carrier bag and liners
LDPE-2420F3	0.3 (190 C/2.16kg)	0.923	- shrink hoods - Heavy duty packaging - Inliners
LDPE-0075	0.75 (190 C/2.16kg)	0.92	- carrier bags - large bottles - industrial film - dust bin liners - blow moulding of small containers - packaging of pharmaceutical products - packaging of foodstuffs - shrink film
LDPE-2420E02	1.9 (190 C/2.16kg)	0.923	- General Purpose - Cast Films - Fine Shrink Films - High Clarity Films
LDPE-2426E02	1.9 (190 C/2.16kg)	0.924	- General Purpose Blown and Cast film, Freezer Films - Hygiene and food packaging FFs Film
LDPE-2119	1.9 (190 C/2.16kg)	0.921	- general purpose film - lamination
LDPE-2420H	1.9 (190 C/2.16kg)	0.924	- bags - pouches - shrink film - blown film - cast film



POLYETHYLENE FILM GRADES



LDPE FILM APPLICATION

NAME OF GRADE	MFI	Density (g/cm ³)	Application
LDPE-0200	2 (190 C/2.16kg)	0.92	- general purpose bags - carrier bags - packaging of mechanical parts - coextruded milk bags - industrial injection mouldings - low tension power cables insulation
LDPE-LF12125A	2.5 (190 C/2.16kg)	0.921	- Blown film extrusion - packaging film for food and goods - general lamination film
LDPE-2420K	4 (190 C/2.16kg)	0.924	- Cast Film - Packaging Film - Blown Film - Film & Shrink Film - Surfacen Protection





POLYETHYLENE FILM GRADES



LLDPE FILM APPLICATION

NAME OF GRADE	MFI	Density (g/cm ³)	Application
LLDPE-235F6	0.6 (190 C/2.16kg)	0.922	- Agricultural Films and Tapes - Lamination - Frozen Food Packaging - Industrial Films - Shrink Film
LLDPE-0209AJ & KJ	0.9 (190 C/2.16kg)	0.92	- Food grade - Heavy duty sacks - Agricultural film - Liners - Produce bags - Stretch film
LLDPE-22B01KJ	1 (190 C/2.16kg)	0.922	- High stiffness blown film - Blending - Lamination
LLDPE-22B01	1 (190 C/2.16kg)	0.922	- High stiffness blown film - Blending - Lamination
LLDPE-22B02	2 (190 C/2.16kg)	0.922	- High stiffness blown film
LLDPE-18B03	3 (190 C/2.16kg)	0.918	- General Purpose - Cast Stretch Films - Also W&C compounds
LLDPE-22B03	3 (190 C/2.16kg)	0.922	- High stiffness blown film - Blending - Lamination



POLYETHYLENE ROTATIONAL GRADES



NAME OF GRADE	MFI	Density (g/cm ³)	Application
HDPE-3840UA	4 (190 C/2.16 kg)	0.954	<ul style="list-style-type: none"> - Scpetic tanks - Potable water tanks - Large agricultural tanks - Toys - Wide variety consumer articles - Canoes and Boats
HDPE-3030UA	3 (190 C/2.16 kg)	0.93	<ul style="list-style-type: none"> - Small Containers (Max 500Lit) - Septic Tanks (max 500Lit) - Toy - Pleasure boats - Traffic warning signs



POLYETHYLENE BLOWN GRADES



NAME OF GRADE	MFI	Density (g/cm3)	Application
HDPE-BL3	23 (190°C/21.6 kg)	0.954	<ul style="list-style-type: none"> - Small blow moulding - Containers (up to 5 lit) - Packaging of pharmaceuticals & surfactants
HDPE-0035	0.35 (190°C/2.16 kg)	0.959	<ul style="list-style-type: none"> - Bottles for bleach - Motor oil - Toiletries - Mild and distilled water - To make small containers
LDPE-2420D	0.25 (190°C/2.16kg)	0.923	<ul style="list-style-type: none"> - Shrink Film - Bottles for Consumer Goods - Bags & Pouches - Blown Film
LDPE-0075	0.75 (190°C/2.16kg)	0.92	<ul style="list-style-type: none"> - carrier bags - industrial film - blow moulding of small containers - packaging of pharmaceutical products - packaging of foodstuffs - large bottles - dust bin liners - shrink film





POLYETHYLENE PIPE GRADES



NAME OF GRADE	MFI	Density (g/cm ³)	Application
HDPE_CRP100N	0.22 (190 C/5kg)	0.948	top quality PE-100 pressure pipes for gas and water transportation at higher pressures or with thinner walls as PE-80 (natural grade)
HDPE100B	0.22 (190 C/5kg)	0.957	Leading PE-100 for pressure pipes for all purposes for gas , water , and sewage transportation (black grade)
HDPE-EX3	0.45 (190 C/5kg)	0.945	<ul style="list-style-type: none"> - Pressure pipe - Drinking water and gas pipe - Discharge pipes - Sewer pipes and their fittings
HEX 4460 PE80+	0.33 (190 C/5kg)	0.944	<ul style="list-style-type: none"> - Drinking Water Pipe - Drainage Pipe - Plumbing



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