



Expanding Polymer Horizons



Energy
Beyond
Limits

@thisisoq



> oq.com



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A SUSTAINABLE FUTURE FOR POLYMERS

ABOUT US

OQ brings together the legacy of nine business units with diverse experiences and expertise.

With an eye on megatrends, our integrated energy company serves as a catalyst merging innovation and technology to develop game-changing, sustainable solutions for consumers across the entire hydrocarbon value chain.

EXPANDING POLYMER HORIZONS

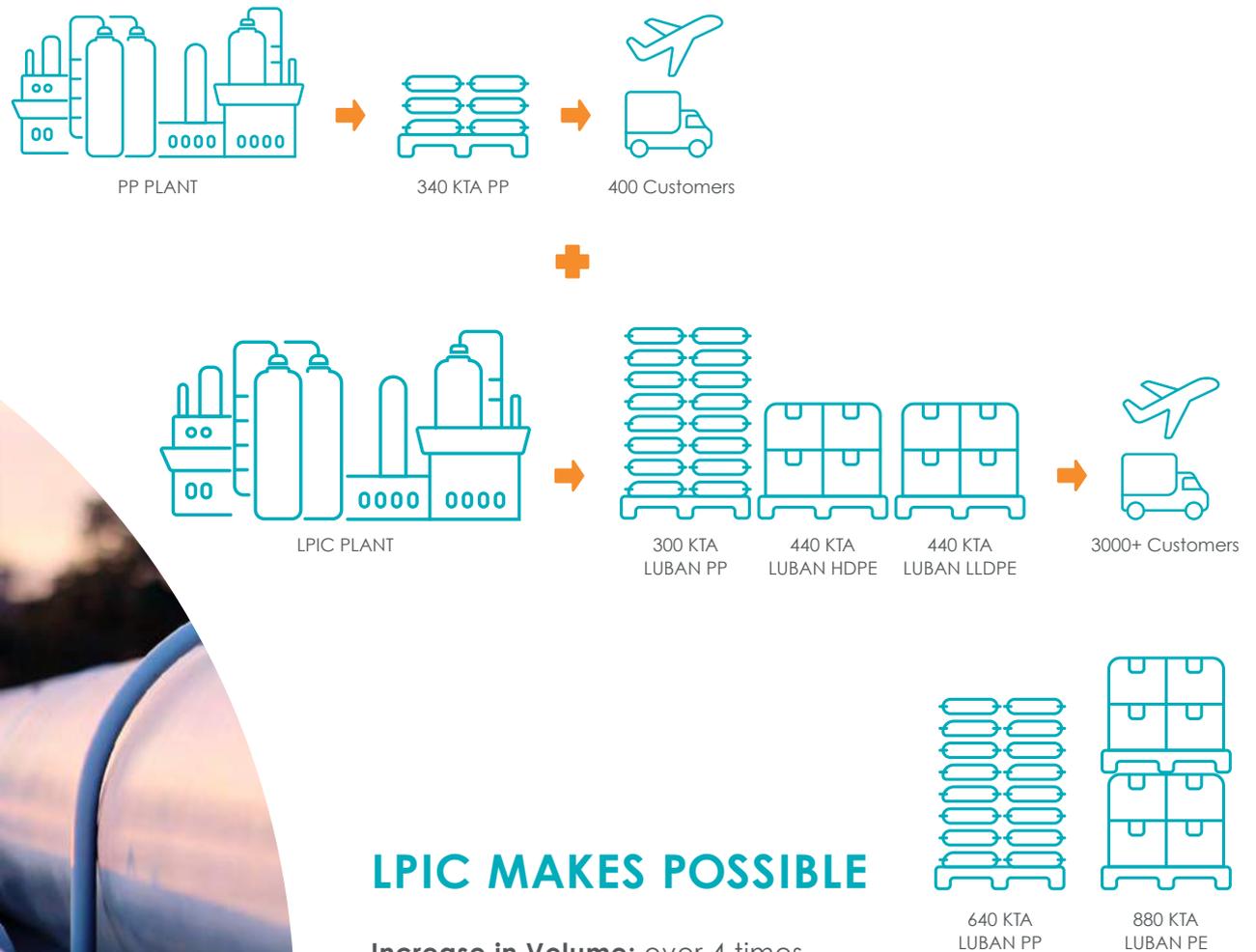
OQ's Liwa Plastics Industry Complex (LPIC) is a world-class integrated refinery and petrochemical facility, taking our capacity for polymer production to a total of 1.5 million tonnes of polyethylene and polypropylene.

As LPIC enters into its first year of operations, we are adding new product ranges and applications to our portfolios in flexible packaging, rigid packaging & durables and infrastructure & construction.



INCREASED PRODUCTION CAPACITY

With LPIC, we are primed to meet the steadily increasing global demand for quality PP and PE solutions.



LPIC MAKES POSSIBLE

Increase in Volume: over 4 times

New Products: 15-20, including Luban PP-H, Luban PP-R, Luban PP-B, Luban HDPE, Luban LLDPE

Expanded Global Footprint: covering more than 85 countries

Enlarged Customer Base: from 400 customers to more than 3000

WHAT WE OFFER

A Gateway to The World:

Accelerated delivery times, due to our strategic location in Oman making us a global hub between East and West.



Seamless Customer Experience:

Dedicated customer relations teams in Oman, Singapore and Shanghai to assist you every step of the way.



Emphasis on Innovation:

Agility to respond to constantly evolving sustainability guidelines and changing consumer demands and e-commerce requirements.



Supportive Service, the Omani Way:

We are committed to the communities we serve, always putting people first.

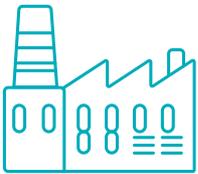




FLEXIBLE PACKAGING

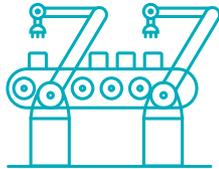
Flexible packaging is required by many consumer-facing industries like food, electronics, cosmetics, pharmaceuticals and sporting goods. Our polymer solutions offer cost-efficiencies across the value chain, from the point of production to consumers' homes.

Our R&D focuses on developing safe, versatile, easy to use flexible packaging solutions that stand out in the crowded marketplace.



MANUFACTURERS

- Balance: Malleability, Strength
- High Heat Resistance
- High Chemical Resistance
- Better Scratch Resistance
- Durability



CONVERTERS

- Versatility
- Lightweight, Compact: Cost-efficient Transport
- Ability to Withstand Printing Processes
- Tamper-proof, Barrier Efficient
- Better Optics: Gloss, Clarity, Transparency
- Competitive Advantage: Eye-catching Design



RETAILERS

- Lightweight, Compact: Cost-efficient Transport
- Scratch-resistance
- Attractive Display
- Space Saving: Stackability



END-USERS

- Safe: Barrier Protection
- Ease of Use
- Lightweight
- Saves Space in Home Cupboards
- Enjoyable Design



THE EARTH

- Safe
- Sustainable
- Recyclable
- Better Biodegradability

FOOD PACKAGING

OQ's products for food packaging solutions include grades designed for Blown, Cast and Bi-axially Orientated Films, offering a broad range of benefits across the value chain.

Blown Films



Cast Films

Bopp Films



Our **versatile** solutions are found across a multitude of industry applications, from labels for plastic bottles, wraps for fruits, frozen food and drink sachets to laminated pouches for food packs, snack products, and pet foods.

They exhibit **durability** from a balance of flexibility and strength with high tenacity and high heat and chemical resistance.

Easy and cost-efficient transport since our solutions are **lightweight**.

They are **compact** and **space-efficient**, saving much needed space in factories, warehouses, supermarket shelves and kitchen cupboards.

Our solutions **support creative design**. The **adaptable aesthetics** of our food packaging solutions ensure eye-catching design possibilities, making your products stand out on a crowded supermarket shelf.

The enhanced barrier protection, high puncture resistance and improved sealing properties of our food packaging solutions extend product shelf life and ensure package integrity, so that they are **safe for our consumers**.

Our solutions are **convenient** and **easy to use** for all our consumers.



LUBAN PRODUCTS FOR FLEXIBLE PACKAGING

Type	Grade Name	Typical Resin Properties								Attributes								Typical Customer Applications										
Particulars	Particulars	MFR (230°C/2.16kg) [g/10min] ISO 1133	Tensile Modulus [MPa] ISO 527-2	Charpy Notched Impact Strength 23°C [kJ/m²] ISO 179/1eA	MI (190°C/2.16kg) [g/10min] ASTM D1238	MI (190°C/21.6kg) [g/10min] ASTM D1238	Density [g/cm³] ASTM D792	Comonomer	Features	Improved processibility	Excellent drawdown	High tenacity	High stiffness	High puncture resistance	Good impact strength	Good optical properties	Good bubble stability	Excellent sealing properties	Metallizable	BOPP film - Food & non-food	Blown film - Food & non-food	Cast film - Food & non-food	Stretch film	Industrial packaging	Lamination film	Liners	Grocery bags, bag on roll	
Luban HPP	HP1102K	3.4	1500	4.0	-	-	0.900	-																				
	HP1106K	3.0	1400	4.0	-	-	0.900	-																				
	HP1102LC	5.0	1500	4.0	-	-	0.900	-	CR	●	●													●				
	HP3104K	3.3	1450	4.0	-	-	0.900	-		●					●			●	●									
	HP3107K	3.0	1450	4.0	-	-	0.900	-		●					●			●	●									
	HP4102M	8.0	1500	3.5	-	-	0.900	-							●			●	●		●	●						
	HP4128N	10.5	-	-	-	-	0.900	-	SA, AB						●	●					●	●						
Luban RCP	RP4202M	6.0	920	4.3	-	-	0.900	C2							●					●	●							
	RP4203M	8.5	1100	6.0	-	-	0.900	C2							●					●	●							
	RP4225M	8.5	1100	3.4	-	-	0.900	C2	SA, AB						●	●				●	●							
Luban LDPE	DFDA-7047	-	-	-	1.0	-	0.918	C4		●				●	●	●				●			●	●	●	●	●	
	DFDC-7080	-	-	-	1.0	-	0.918	C4	SA, AB	●				●	●	●				●			●	●	●	●	●	
	HPR1018HA	-	-	-	1.0	-	0.918	C6		●			●	●	●	●	●			●		●	●	●	●	●	●	
	DFDA-7042	-	-	-	2.0	-	0.918	C4		●				●	●	●				●		●	●	●	●	●	●	
	DFDC-7050	-	-	-	2.0	-	0.918	C4	SA, AB	●				●	●	●				●		●	●	●	●	●	●	
	DFDA-7059	-	-	-	2.0	-	0.918	C4		●				●	●	●				●	●	●	●	●	●	●	●	
	HPR3518CB	-	-	-	2.0	-	0.918	C6		●			●	●	●		●			●	●	●	●	●	●	●	●	
Luban HDPE	DGDZ-6095	-	-	-	0.05	10.5	0.952	C4		●		●				●				●					●	●		
	DGDZ-6095	-	-	-	0.05	10.5	0.952	C6		●		●				●				●					●	●		
	DGDZ-6097	-	-	-	0.05	10.5	0.948	C4		●						●				●					●	●		
	DGDZ-6097	-	-	-	0.05	10.5	0.948	C6		●						●				●					●	●		

Features | AB - Antiblock | AG - Anti Gas Fading | AS - Antistatic | C - Clarified | CR - Controlled Rheology | LT - Long-term Aging Resistance | N - Narrow MWD | NU - Nucleated | SA - Slip Agent



RIGID PACKAGING & DURABLES

Rigid plastics represent the fastest-growing category of re-purposed, multi-use or reusable plastics. OQ offers a range of solutions for a variety of rigid packaging & durables applications across sectors.

MOST COMMON APPLICATIONS

PP



Caps and Closures

Clear Bottles

Houseware

Toys and Leisure

Luban Polypropylene

Appliance Parts

Thin-Walled Injection Moulded and Thermoformed Packaging

HDPE



Crates and Pallets

Household and Industrial Chemical (HIC) Containers

Personal Care Bottles

Dairy Bottles

Caps, Lids, Closures

Industrial Containers

Luban High-density Polyethylene

LLDPE



Masterbatch Base Resins

Durable Lids

Flip Top Closures

Houseware

Toys

Washing Baskets

Luban Linear Low Density Polyethylene



A RANGE OF BENEFITS ACROSS THE VALUE CHAIN



Good Processibility



High Stiffness



Good Impact Strength



Good Stiffness-Impact Balance



Good Optical Properties



Excellent ESCR

- lowered **processing costs** and **improved operating margins**
- **cost savings** due to lightweighting and increased filler loading potential
- **standout packaging design** due to adaptable aesthetics
- lowered **transport and storage costs** due to better load stability and improved stackability
- **convenience** and **ease of use** for consumers due to versatile flow and physical attributes
- improved **produce protection** and enhanced **food security**
- applications can be repurposed and reused, creating **opportunities for sustainability**

THIN-WALLED PACKAGING

Evolving consumer preferences and the need to comply with complex sustainability and safety regulations require the packaging industry to adapt by way of reduced packaging weight and energy consumption, while offering safer food-contact properties and improved sustainability.

QQ's Luban Polypropylene (PP) range is used in a variety of thin-walled packaging applications in both food and non-food sectors, which require solutions with high fluidity and balanced mechanical properties.



Dairy Packaging



Plastic Pails



Houseware



Cups



Trays and Lids



COMPARED TO TRADITIONAL PACKAGING MATERIALS, QQ'S LUBAN POLYPROPYLENE IMPACT AND RANDOM COPOLYMER SOLUTIONS OFFER

Improved sustainability with energy savings in extrusion.

Excellent aesthetics with improved transparency and contact clarity.

Enhanced impact resistance at lower temperatures.

Lowered transportation costs with increased logistics efficiency.

Lightweighting with stiffness/toughness balance.

Improved stackability for storage.

Reduced cycle times with improved flow characteristics.

Cost-efficiency.

BOTTLES

The packaging industry faces constantly evolving regulatory and market demands for safe, cost-effective, aesthetically pleasing and easy-to-use packaging.

Hand in hand with our partners and end users, we develop bottling solutions adapted to their multiple needs, from lightweight properties for **reduced shipping costs**, better package durability for improved **safety**, better clarity for **improved aesthetics**, to a range of resealable closures for **convenience**.

Our Luban High-Density Polyethylene (HDPE) and Luban Polypropylene (PP) resins are designed for producing a wide range of blow moulded bottles.

Our solutions can provide clear, gloss or matt surface finishes. The aesthetics provided by our Luban HDPE and Luban PP solutions help converters and brand owners to stand-out in a crowded marketplace.



Household and Industrial Chemicals (HIC)



Toiletries



Edible Oils



Cosmetics



Water

CAPS & CLOSURES

Rapidly evolving modern lifestyles bring up the need for a wide variety of caps and closures, and the packaging industry has to innovate and keep pace. OQ has a wide portfolio of resin solutions to create effective caps, soft lids, pull rings and closures for a variety of end uses.

OQ's Luban PE and Luban PP solutions meet every need - **ease of use**, **convenience**, **light weight** and **food safety**. Our caps and closures are tamper evident and secure with attractive aesthetics.

Caps and closures also add an important design element to the product pack. Eye-catching colours and novel user-functionality features can significantly **help brand-building efforts**.

Our products offer manufacturers **freedom of design**, enabling them to create safe, convenient and attractive closure solutions.



DURABLES

Common household appliances are a focal point in the consumer rigids segment. Appliances occupy central areas within our living spaces and consumers value aesthetics and design, along with safety, functionality and performance.

Be it houseware, small appliances or components, OQ's technical expertise ensures quality polymer products of the highest safety standards, operational efficiency and durability.



Moulded
Washing Machine
Tubs



Appliance
Body Parts



Food Containers



Houseware



Toys and Leisure



Crates and Pallets

Luban HDPE solutions for crates and pallets have high **durability** and **load-stability**, offering reliable support to transport and logistics chains.

Luban Polypropylene (PP) solutions for durables have the **versatility** necessary to ensure longevity, reliability and safety of house-hold appliances.

Luban PP Impact and Random Copolymer solutions for houseware, toys and leisure products have the balanced physical properties of **excellent stiffness** and **impact resistance**, combined with easy processing and aesthetics.



LUBAN PRODUCTS FOR RIGID PACKAGING & DURABLES

Type	Grade Name	Typical Resin Properties								Attributes					Typical Customer Applications									
Particulars	Particulars	MFR (230°C/2.16kg) [g/10min] ISO 1133	Tensile Modulus [MPa] ISO 527-2	Charpy Notched Impact Strength 23°C [kJ/m²] ISO 179/1eA	MI (190°C/2.16kg) [g/10min] ASTM D1238	MI (190°C/2.16kg) [g/10min] ASTM D1238	Density [g/cm³] ASTM D792	Comonomer	Features	Good processibility	High stiffness	Good impact strength	Good stiffness-impact balance	Good optical properties	Excellent ESCR	Thin-walled articles	Housewares & toys	Caps & closures	Bottles	Furniture	Appliances parts	Base resin Masterbatch & compds	HIC containers, Jerrycan ≤ 20L	Large blow moulding <210L
Luban HPP	HP1151K	3.0	1750	5.0	-	-	0.900	-	NU, AS		●		●	●	●	●								
	HP2100L	6.0	1550	4.0	-	-	0.900	-								●	●		●	●				
	HP2100N	12	1550	3.0	-	-	0.900	-								●	●		●	●				
	HP2106N	12	1550	4.0	-	-	0.900	-					●			●	●		●	●				
	HP2148P	20	1730	4.0	-	-	0.900	-	NU, AS	●	●		●			●	●		●	●				
	HP2100S	33	1600	2.0	-	-	0.900	-		●					●	●	●		●	●	●			
	HP2151T	45	1900	2.0	-	-	0.900	-	NU, AS	●	●			●		●			●	●				
	HP2148T	50	1600	2.0	-	-	0.900	-	NU, AS	●	●			●		●			●	●				
	HP2148TC	53	1600	2.0	-	-	0.900	-	NU, CR	●	●			●		●			●	●				
Luban RCP	RP1248L	6.0	1450	5.0	-	-	0.900	C2	C, AS		●	●	●	●				●						
	RP2248N	11	1150	6.0	-	-	0.900	C2	C, AS			●	●	●		●	●	●		●				
	RP2248R	25	1150	6.0	-	-	0.900	C2	C, AS			●	●	●		●	●	●		●				
	RP2200R	25	1150	6.0	-	-	0.900	C2	C, AS			●	●	●		●	●	●		●		●		
	RP2248TC	50	1100	4.5	-	-	0.900	C2	C, AS, CR	●		●	●	●		●	●	●		●				
	RP2245UC	75	1000	4.0	-	-	0.900	C2	C, AS, CR	●		●	●	●		●	●	●		●				
	RP2248UC	75	1100	4.5	-	-	0.900	C2	C, AS, CR	●		●	●	●		●	●	●		●				
	RP7204G	1.8	1000	20	-	-	0.900	C2				●	●	●				●					●	
Luban ICP	EP2302K	3.5	1200	12	-	-	0.900	C2				●	●			●	●		●	●				
	EP2300K	4.0	1200	13	-	-	0.900	C2				●	●			●	●		●	●				
	EP2340L	6.0	1350	16	-	-	0.900	C2				●	●			●	●		●	●				
	EP2340P	15	1300	7.0	-	-	0.900	C2	NU			●	●			●	●		●	●				
	EP2348R	21	1500	6.0	-	-	0.900	C2	NU, AS	●	●	●	●			●	●		●	●				
	EP2380T	50	1150	6.0	-	-	0.900	C2		●	●	●	●			●	●		●	●				
	EP2348UC	70	1450	4.0	-	-	0.900	C2	NU, AS, CR	●	●	●	●			●	●		●	●				
	EP2300V	100	1300	2.5	-	-	0.900	C2		●		●	●			●			●			●		
Luban LLDPE	DNDA-8320	-	-	-	20	-	0.924	C4		●	●	●	●			●	●		●			●		
	DNDA-8350	-	-	-	50	-	0.926	C4		●	●	●	●			●	●		●			●		
Luban HDPE	DMDX-6147	-	-	-	0.05	9.0	0.948	C4		●	●	●	●		●				●				●	
	DMDZ-6147	-	-	-	0.05	9.0	0.948	C6		●	●	●	●		●				●				●	
	DMDA-6200	-	-	-	0.42	33	0.953	C6		●	●	●	●		●			●				●		
	DMDD-6200	-	-	-	0.25	23	0.953	C6		●	●	●	●		●			●				●		
	DMDH-6400	-	-	-	0.73	57	0.960	-		●	●	●	●		●			●				●		
	DMDA-8007	-	-	-	8.0	-	0.965	C4		●	●	●	●		●		●		●				●	
	HMA-016	-	-	-	20	-	0.956	C4		●	●	●	●		●		●		●			●		

Features | AB - Antiblock | AG - Anti Gas Fading | AS - Antistatic | C - Clarified | CR - Controlled Rheology | LT - Long-term Aging Resistance | N - Narrow MWD | NU - Nucleated | SA - Slip Agent



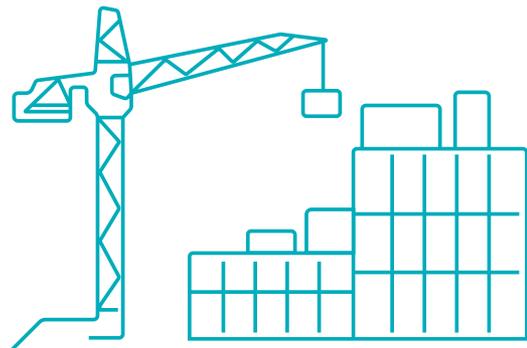
INFRASTRUCTURE & CONSTRUCTION

OQ aims to partner with our customers and other value chain players to develop innovative, durable and high-quality solutions for the Infrastructure & Construction industry.

By utilizing our state-of-the-art Product Application and Development Centre in Suhar, and working closely with our expert technical team, our customers have powered new possibilities for a wide range of construction and infrastructure projects worldwide.

We offer **individually tailored support** and high-performance **Luban Polypropylene (PP)** and **Luban Polyethylene (PE)** raw materials to our customers across the entire project journey, from innovation to product design, testing, specifications, final product and market launch.

Our Infrastructure & Construction solutions offer secure, reliable and value-yielding **replacements to traditional materials** with minimized impact on the environment. The **high tenacity and stiffness** of our products, combined with their **excellent ESCR** and **good impact strength** ensure solutions that are efficient, durable and stable for a wide variety of applications.



HIGH-QUALITY SOLUTIONS FOR THE
INFRASTRUCTURE & CONSTRUCTION INDUSTRY



PIPES SYSTEM

Pipes and fittings represent the most significant application area of polymers in the Infrastructure & Construction industry, used across a wide range of applications.

Hot and Cold
Plumbing Systems

Sewage and
Drainage Systems

Pressure Pipes
Systems

Conduits

Indoor Drainage
Systems



OQ's advanced raw materials used in the production of pipes offer **high melt strength**, **good stiffness/impact balance** and excellent **long-term pressure resistance at high temperature**.

Raw materials used in the manufacturing of pipes and fittings must be of a high enough standard to support the development of sustainable Infrastructure & Construction projects with a **minimum lifespan of 50 years**.

A RANGE OF SOLUTIONS FOR PIPES AND FITTINGS

Luban Polypropylene Random Copolymer (PP-R) pipes and fittings for cost efficient and durable plumbing and heating systems.

Luban Polypropylene Block Copolymer (PP-B) systems for durable and reliable sewage and drainage networks.

Luban High Density Polyethylene (HDPE) systems for water transmission, telecoms and electrical networks.

TANKS & FITTINGS

OQ's raw materials allow our customers to produce tanks and fittings that comply with stringent regulations for the **safe storage and transportation** of hazardous and non-hazardous goods.

Industrial and construction sites need dependable solutions for optimal **protection and containment** of solids, liquids and gases. Our raw materials help in the design and manufacture of better-performing tanks of various sizes for a variety of applications.

International standards for wastewater management require the production of **durable, environmentally responsible** industrial water tanks capable of meeting the demanding applications of the petrochemical sector, refineries, steel sector, food industry and the paper industry. In addition to protecting the earth from wastewater, the water tanks also need to be fitted with covers to **abate evaporation, emissions and odours**.

Tanks and Storage Containers

Manholes and Chambers

Rainwater Harvesting Systems

FOR LARGE SPIRAL-WOUND STORAGE TANKS

Luban High Density Polyethylene (HDPE)

Luban Polypropylene Block Copolymers (PP-B)

FOR DURABLE OUTDOOR STORAGE TANKS AND CONTAINERS

Luban High Density Polyethylene (HDPE)

Luban Linear Low-Density Polyethylene (LLDPE)



GEOSYNTHETICS

OQ manufactures a range of raw materials for some of the Infrastructure & Construction industry's most advanced groups of geosynthetic heavy-duty polymeric liners. Our products offer outstanding **chemical resistance**, **weathering characteristics** and the **highest weight to strength ratio** available.

OQ's solutions for geotextiles are made from **Luban PP-H**.

Geotextiles are advantageous solutions in Infrastructure & Construction projects due to their **versatility**, **light-weight nature**, **resistance to corrosion**, **durability** and **permeability**.

When used in association with soil, they have the ability to separate, filter, reinforce, protect or drain.



GEOTEXTILES CAN BE SEEN
IN MANY CIVIL ENGINEERING
APPLICATIONS.



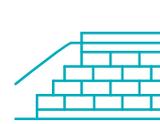
Roads



Airfields



Railroads



Embankments



Reservoirs



Dams



Coastal Engineering

OTHER CONSTRUCTION APPLICATIONS

OQ's best-in-class polymer raw materials are used to produce barriers to keep roads, construction sites and restricted areas safe and secure.

Our solutions for road and construction sites comprise of:

Luban Linear Low-Density Polyethylene (LLDPE)

Luban High-Density Polyethylene (HDPE)

It is important for these systems to **withstand extreme weather conditions** with ease, surviving punishing cold, wet, and heat.

Our raw materials have **heavy-duty properties** specifically developed for the unique performance demands of construction and building sites, roads and highways.

Construction Site Support
Lightweight Post and Chain Systems
Water-Filled Systems
Pedestrian Barrier Systems
Construction Barrier Fences
Traffic Barriers, Traffic Cones
Shade Nets, Protection Nets
Tarpaulin Sheets
Artificial Grass

LUBAN PRODUCTS FOR INFRASTRUCTURE & CONSTRUCTION

Type	Grade Name	Typical Resin Properties								Attributes						Typical Customer Applications										
Particulars	Particulars	MFR [230°C/2.16kg] [g/10min] ISO 1133	Tensile Modulus [MPa] ISO 527-2	Charpy Notched Impact Strength 23°C [kJ/m²] ISO 179/1eA	MI (190°C/2.16kg) [g/10min] ASTM D1238	MI (190°C/21.6kg) [g/10min] ASTM D1238	Density [g/cm³] ASTM D792	Comonomer	Features	Good processibility	High tenacity	High stiffness	Good impact strength	Good stiffness-impact balance	Excellent ESCR	Geosynthetics	Water proof membrane/coating	Large size tanks & storage containers	Medium size tanks, road barrier	Hot & cold water pipes/fittings	Conduit pipes	Pressurized pipe systems	Sewage, manholes	Manholes and chambers	Construction barrier fence	Artificial grass
Luban HPP	HP1102K	3.4	1500	4.0	-	-	0.900	-							●									●	●	
	HP1106K	3.0	1400	4.0	-	-	0.900	-							●									●	●	
	HP5101LC	5.0	1550	3.0	-	-	0.900	-	CR, AG	●	●				●											
	HP5101RC	25	1500	2.5	-	-	0.900	-	CR, N, AG	●					●	●										
Luban RCP	HP5101SC	35	1500	2.5	-	-	0.900	-	CR, N, AG	●					●	●										
	RP6207B	0.3	950	23	-	-	0.900	C2	LT			●							●							
Luban ICP	EP2302K	3.5	1200	12	-	-	0.900	C2				●	●		●											
	EP2300K	4.0	1200	13	-	-	0.900	C2				●	●		●											
	EP2340L	6.0	1350	16	-	-	0.900	C2				●	●		●											
	EP6387U	0.3	1100	54	-	-	0.900	C2	LT				●	●						●	●	●	●			
Luban LDPE	DFDA-7042	-	-	-	2.0	-	0.918	C4		●															●	
	DFDA-7059	-	-	-	2.0	-	0.918	C4		●															●	
	HPR3518CB	-	-	-	3.5	-	0.918	C6		●															●	
	DNDC-7150	-	-	-	3.5	-	0.939	C6	UV	●		●		●			●						●			
	DNDC-7152	-	-	-	3.5	-	0.939	C6		●		●		●			●						●			
	LL-8446.21	-	-	-	5.0	-	0.936	C4	UV	●		●						●					●			
	DNDA-8320	-	-	-	20	-	0.924	C4		●		●				●							●			
	DNDA-8350	-	-	-	50	-	0.926	C4		●		●				●							●			
Luban HDPE	DGDZ-2400	-	-	-	-	9.5	0.940	C6		●		●		●						●	●	●	●			
	DGDZ-6095	-	-	-	0.05	10.5	0.952	C6		●	●													●		

Features | AB - Antiblock | AG - Anti Gas Fading | AS - Antistatic | C - Clarified | CR - Controlled Rheology | LT - Long-term Aging Resistance | N - Narrow MWD | NU - Nucleated | SA - Slip Agent



LUBAN PRODUCTS FOR AGRICULTURE

Type	Grade Name	Typical Resin Properties								Attributes								Typical Customer Applications							
		MFR (230°C/2.16kg) [g/10min] ISO 1133	Tensile Modulus [MPa] ISO 527-2	Charpy Notched Impact Strength 23°C [kJ/m²] ISO 179/1eA	MI (190°C/2.16kg) [g/10min] ASTM D1238	MI (190°C/21.6kg) [g/10min] ASTM D1238	Density [g/cm³] ASTM D792	Comonomer	Features	Good processibility	Excellent drawdown	High stiffness	High puncture resistance	Good impact strength	Good optical properties	Good bubble stability	Excellent sealing properties	Excellent ESCR	Fertilizer bag, leno bag & tarpaulins	Nonwoven crop covers	Greenhouse film	Mulch film	Silage film	Pesticide containers	Pesticide spray tanks
Luban HPP	HP1102K	3.4	1500	4.0	-	-	0.900	-		●							●	●							
	HP1106K	3.0	1400	4.0	-	-	0.900	-		●							●	●							
	HP1102LC	5	1500	4.0	-	-	0.900	-	CR	●							●	●							
	HP5101RC	25	1500	2.5	-	-	0.900	-	CR, N, AG	●							●		●						
	HP5101SC	35	1450	2.5	-	-	0.900	-	CR, N, AG	●							●		●						
Luban LLDPE	DFDA-7047	-	-	-	1.0	-	0.918	C4		●			●	●	●				●		●				
	DFDC-7080	-	-	-	1.0	-	0.918	C4	SA, AB	●			●	●	●				●		●				
	HPR1018HA	-	-	-	1.0	-	0.918	C6		●		●	●	●	●	●			●		●				
	DFDA-7042	-	-	-	2.0	-	0.918	C4		●			●	●	●				●		●	●			
	DFDC-7050	-	-	-	2.0	-	0.918	C4	SA, AB	●			●	●	●				●		●	●			
	DFDA-7059	-	-	-	2.0	-	0.918	C4		●			●	●	●	●				●		●	●		
	HPR3518CB	-	-	-	2.0	-	0.918	C6		●		●	●	●		●			●		●	●			
	DNDC-7150	-	-	-	3.5	-	0.939	C6	UV	●			●				●							●	
	DNDC-7152	-	-	-	3.5	-	0.939	C6		●			●				●							●	
Luban HDPE	DMDX-6147	-	-	-	0.05	9.0	0.948	C4		●	●		●				●						●	●	
	DMDZ-6147	-	-	-	0.05	9.0	0.948	C6		●	●		●				●						●	●	
	DMDA-6200	-	-	-	0.42	33	0.953	C6		●	●		●				●						●	●	
	DMDD-6200	-	-	-	0.25	23	0.953	C6		●	●		●				●						●	●	
	DGDZ-2400	-	-	-	-	9.5	0.940	C6		●			●				●								●

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TOGETHER, WE MAKE MORE POSSIBLE

Our origins can be traced back to more than a century ago. From the discovery of the OXO process, to the founding of the Oman Refinery Company in 1982, to the creation of OQ, we have continually evolved to serve our partners.

At the end of 2019, OQ was created as a diversified energy company by integrating nine state-owned legacy energy companies in Oman. Now, OQ serves as a catalyst to optimise solutions for all our partners and clients, spanning the entire hydrocarbon value chain, from upstream to midstream and downstream, including supply and trading sectors.

We operate in 17 countries worldwide, and our fuels and chemicals are sold in over 60 countries, making us a prominent player in the energy sector.

We have our sights set on an ambitious future supported by robustly planned investments and increased production capacities.



CONTACT US



To know more about us, please visit our website



www.oq.com



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Energy
Beyond
Limits