



POLYMERS

Product Catalogue

40+
Years Since

Your Trusted Source for
High Quality **Source of Polymers**





WITH 40+ YEARS OF EXPERTISE, SOMOCHEM IS A TRUSTED LEADER IN POLYMER AND CHEMICALS DISTRIBUTION, SERVING KEY INDUSTRIES LIKE PLASTICS, PACKAGING, SOAPS & DETERGENTS, PERSONAL CARE, EDIBLE OIL, FOOD & BEVERAGE ACROSS SUB-SAHARAN AFRICA. BACKED BY A STRONG NETWORK AND GLOBAL COORDINATION, WE DELIVER RELIABLE, AGILE AND MARKET DRIVEN SOLUTION.

GLOBAL PARTNERSHIPS, LOCAL ADVANTAGE



END-TO-END SOLUTIONS

From sourcing the finest raw materials to delivering them on time, Somochem is with you at every step. Our just-in-time solutions reduce lead times and ensure smooth production cycles.



TECHNO-COMMERCIAL EXPERTISE

Our team's in-depth understanding of both the technical and commercial aspects of our products allows us to provide advisory services that ensure the right product reaches the right customer.



GLOBAL PARTNERSHIPS

Our strategic alliances with leading global manufacturers give us a wide variety of top-quality products to meet clients unique business requirements.



DOOR-TO-DOOR SERVICES

With strategically located warehousing facilities, we offer safe and efficient storage options for our clients, ensuring consistent supply and availability of products when they're needed most.

“ Through common alignment with these values as an organization, we strengthen growth with purpose. ”

- The Late Former Chairman, Mr. Ramchand Mohinani

SALES IN OVER
35+ COUNTRIES

CLIENTS SERVED
700

PRODUCTS HANDLED
350KT

STOCK POINTS
10+

JIT FOOTPRINT



DRIVING INNOVATION, BUILDING PARTNERSHIPS, AND LEADING SUSTAINABILITY

What sets us apart? It's more than just our products. Our strength lies in a deeply ingrained culture of reliable, agile, and customer-centricity. With over two decades of experience and a network that spans across continents, Somochem is known for delivering not just products but solutions.

Our story is built on empowering businesses with solutions that truly make a difference. With strategically positioned warehouses, we provide **Just-in-Time** solutions and **DDP services**.



WAREHOUSES ACROSS
SUB-SAHARAN AFRICA



JUST-IN-TIME (JIT)
SUPPLY CHAIN SOLUTIONS



HOLDING CAPACITY
50KT



JIT Locations

- Djibouti
- Kenya
- South Sudan
- Tanzania
- Uganda
- Rwanda
- Burundi
- Zambia
- Malawi
- Mozambique
- Zimbabwe
- South Africa
- Ghana
- Nigeria

- Registered Office
- Representatives
- Warehouse

POLYMER RANGE



Our extensive network and **Strong Partnerships with Leading Polymer Producers** enable us to market and distribute a diverse portfolio of plastics to customers worldwide.

We are major distributors of high-quality polymers including **PE, PP, PS, PET, PVC, MB & Additives** and more across Africa, and globally.

Sustainable Solutions:

We are dedicated to sustainability and strive to offer environmentally friendly solutions.

Discover the difference with Somochem – Your reliable partner in the global polymer market.

Portfolio:



Polyethylene (PE)



Polypropylene (PP)



Polystyrene (PS)



Polyethylene Terephthalate (PET)



Polyvinyl Chloride (PVC)



Masterbatch & Additives (M&A)

Major Suppliers:

ExxonMobil

Borouge

OQ

SCGC

BOREALIS

LYB LyondellBasell

LG Chem

ONGC Petro additions Limited

Reliance Industries Limited

SPL Supreme Petrochem Ltd GLOBAL SUPPLIER OF STYRENICS

JADE PET resin

WKAI

Westlake

alpek

Formosa Plastics

天津渤海化工集团有限责任公司 TIANJIN BOHAI CHEMICAL INDUSTRY GROUP CO., LTD

SK geo centric

HYOSUNG



At Somochem, we offer a diverse range of polyethylene products tailored to meet various industrial applications. Our PE range includes but is not limited to:

Low Density Polyethylene(LDPE)

Processing Method	MFR	Typical Application
Blown Film, Cast Film	0.25 – 0.8	Agricultural Film, Foams, Pallet Shrink Films, Heavy Duty Bags, Construction Film, High Performance Collation Shrink, Lamination Film, Food Packaging Film
Blown Film, Cast Film	2	Compounding, Lamination Film, Light Duty Shrink Film, Form Fill And Seal Packaging, Liners
Blown Film, Cast Film	4	Laundry Film, High Clarity Film, Produce Bags, High Clarity Laundry Bags, Textile Wrapping Films, Zip Lock Bags & Master Batch
Extrusion Coating	7	Extrusion Coating of HDPE Woven Fabric, Aluminum Foil, Jute, Paper & Allied Substrates

Linear Low Density Polyethylene(LLDPE)

Processing Method	MFR	Typical Application
Blown Film	1 – 2	Shipping Sacks, Ice Bags, Frozen Food Bags, Produce Bags, Liners, Carrier Bags, Garbage Bags, Agricultural Films, Stretch Wrap Film, Shrink Film, High Clarity Film, Drip Irrigation Tubes
Cast Stretch Film	3	Bags & Pouches, Film Wrap, Food Packaging Film, Lamination Film, Zipper Packaging
Rotational Molding	4 – 5	Water & Storage Tanks, Bins, General Moldings, Consumer Articles, Playground Equipment, Containers, Toys and Leisure, Trash Containers, Chemical Shipping Drums
Roto Molding Powder	4.5	Bins, Consumer Articles, Containers, General Moldings, Playground Equipment, Rotomolding, Storage Tanks, Toys

Metallocene(MCN)

Processing Method	MFR	Typical Application
Blown Film	0.2 – 0.5	Construction Liners, Greenhouse Film, Shrink Film, Food Packaging, Heavy Duty Bags, Geomembrane, Lamination Film, Stretch and Shrink Sleeves, Stretch Hood Film, Flexible Packaging, Liquid Packaging
Blown Film	0.8 – 0.85	Food Packaging, Liquid Packaging, Silo Bags, Lamination Film, Non Laminated Coex Film, Medium and Heavy Duty Sacks, Air Pillows, Laminated full-PE Packaging, Agricultural Films, Barrier Film, Laminated Sacks, Sachet, Freezer Film, Liquid Packaging
Blown Film	1	Agricultural Film, Construction Liners, Liquid Packaging, Blown Silage, Flexible Packaging
Blown Film, Cast Film	2	Food Packaging, Liquid Packaging, Lamination Film, Laminated Full-PE Packaging, Non-Laminated Coex Film
Cast Film	3.5	Barrier Food Packaging, Cast Flexible Film Packaging, Hygiene Film, Diaper Backsheet

High Density Polyethylene(HDPE)

Processing Method	MFR	Typical Application
Blown Film	0.035 – 0.06	Agricultural Film, Shopping Bag, Garbage Bag, Industrial Packing Film, General Packing Film, High Strength Grocery Sacks, Shopping Bags and Notion, Liners, High Quality Pouches, Can Liners, Retail Carryout Bags, Specialty Film, Roll Bags, Gloves, Disposal Waste Bags, Industrial Liner Bags, Cover Film
Blow Molding	0.07 – 0.35	Bottles for Household, Industry & Chemicals, Containers up to 30L, Large Parts & Containers (20 to 100l) for non – food end uses
Blown Film	0.5 – 1	General Packaging, Packaging Films, Bread Bags, Industrial Packaging, Collation Shrink, Label Film, Shrink Film, Food Packaging, Lamination Film, Stand Up Pouches, FFS Packaging, Multilayer Packaging Film, Freezer Film, Overwrap Film
Injection Molding, Compression Molding	0.8 – 2	Beverage Caps & Closures
HDPE Raffia	0.90	Woven Sack, Monofilaments, Molding of Small Parts
Pipes & Ducts	0.30 – 0.45	PE80, PE100, Pressure Pipes, Telecom Ducts, Pipe Extrusion
Injection Molding	8.0 – 35.0	Crates, Luggage, Houseware, Storage Bins & Thin Wall Molding



Homopolymers(PPH)

Processing Method	MFR	Typical Application
PP Raffia	3.5 – 5	Woven Sacks, Monofilaments
Injection Molding	12	General Purpose Injection Molding, Closures, Furniture, Houseware
Cast Film	12	Clothes Packaging, Food Packaging
Injection Molding	30	Home Appliances, Toys, Small & Middle-Sized TWIM parts

Impact Copolymers(PPCP)

Processing Method	MFR	Typical Application
Injection Molding	0.8 – 1	Caps & Closures
Injection Molding	2 – 8	Housewares, Sports, Leisure & Toys, Battery Cases
Injection Molding	12 – 19	Industrial/Household Goods, Automotive Parts, Pails & Containers, Toys, Crates & Boxes, Furniture, Opaque Containers
Injection Molding	20 – 30	Industrial/Household Goods, Housewares, Garden Furniture, Toys, Appliances, Pails & Containers, Industrial Electronics
Injection Molding	35 – 50	Industrial/Household Goods, Appliances & Automotive Parts, Thin-Walled Containers, Containers, Sports, Leisure & Toys
Injection Molding	50 – 80	Housewares, Opaque Containers, Sports, Leisure & Toys

MEDICAL

Processing Method	MFR	Typical Application
Blow Molding (PPR)	1.5 – 3	Medical Bottle, IV Solution Bottle
Injection Molding (PPR)	18 – 30	Diagnostic Consumables & Labware, Disposable 3-Part & Plungers Syringes, Packaging, Device, Diagnostic Products, Caps & Closures, Drug Delivery Systems, IV sets
Blow Molding (LDPE)	0.3	Flexible Packing, Bottle Packing, Devices & Diagnostic Products

POLYPROPYLENE (PP)

Random Copolymers(PP-RCP)

Processing Method	MFR	Typical Application
Blow Molding	1.8	Cosmetic and Detergent Bottle, Eye Drop and Food (Syrup) Bottle
Injection Molding	12 – 35	Cosmetics Container & Cap, Food Container, Transparency Case, Stationery, Thin-wall Food Container, Disposable Syringe, CD/DVD Case, High Transparency TWIM Parts
Injection Molding	44 – 45	Clear Thin-Walled Containers, Housewares, Caps & Closures, Lids
Injection Molding	70	Household Goods & Appliances, Transparent Food & Cosmetic Container, Thin-Wall Food Container
Injection Molding	100	Houseware, Storage Bins & Thin-wall Molding

POLYSTYRENE (PS)



High Impact Polystyrene(HIPS)

Processing Method	MFR	Typical Application
Extrusion & Foaming	4.5	Thermoformed Packaging, Deep Drawn Thermoformed Containers, General Purpose Sheet & Formed Products
Injection Molding	8.5	Gas Assisted Injection Molding of TV Cabinets, Thin-walled Parts, AC Grills, Toys, Computer Accessories, Refrigerator Components

General Purpose Polystyrene(GPPS)

Processing Method	MFR	Typical Application
Molding	6 – 8	Transparent Stationery Cover

Expanded Polystyrene(EPS)

Processing Method	MFR	Typical Application
Molding	–	Thermocol Form Product, Insulation

POLYSTYRENE (PS)

POLYETHYLENE TEREPHTHALATE (PET)



PET – Blow Molding

I.V	Typical Application
0.80± 0.015**	Water Bottles, Snack Bottles, Cosmetics Bottles
0.84± 0.015**	Carbonated Drinks, Edible Oil Bottles, Medical Bottles
0.88± 0.015	Big Size Bottles (5L – 20L)

****Hotfill options available for packaging Juices, Sauces & Tea**

POLYVINYL CHLORIDE (PVC)



Suspensions

Processing Method	K-Value	Typical Application
Extrusion, Blow Molding	57	Blow Bottles, Calendering Transparent Sheets
Extrusion	60	Calendering Transparent Sheets, Medicinal & Food Packaging Films, Injection Pipe Fitting
Pipe Extrusion	67	Rigid Pipe, Window Profile, Wire & Cable
Extrusion	70	Flexible Pipe, Films & Sheets, Shoe Soles

CHEMICAL RANGE



We specialize in providing a comprehensive **Range of High-Quality Chemicals** tailored to meet the needs of various industries, including **Manufacturing, Agriculture, Pharmaceuticals, Food & Beverage, Textiles & Construction**.

Our extensive portfolio includes essential **Raw Materials, Specialty Chemicals & Advanced Formulations**, all sourced from trusted global suppliers.

Sustainable Solutions:

We are dedicated to sustainability and strive to offer environmentally friendly solutions.

Discover the difference with Somochem – Your reliable partner in the global chemical market.

Portfolio:



Food & Nutrition



Glass Chemicals



Beauty & Personal Care



Paint, Ink & Coatings



Elastomers



Oil and Gas



Mining



Homecare



PU Intermediates



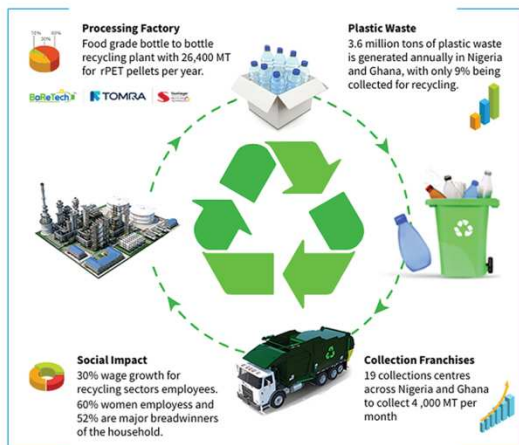
Plasticizers



Water Treatment



Polymer Additives



CLOSING THE LOOP For Plastic Packaging

Investment in Recycling: Mohinani Group have invested over \$30 million in two closed-loop recycling plants producing food-grade PET.

We proudly offer high-quality plastic flakes in blue and white. These versatile flakes are ideal for packaging. Our food-grade rPET supports the circular economy by enabling the **Production of new bottles from Recycled Materials**, helping **Reduce Plastic Waste**.

Our Products:

rPET Flakes

Testing Parameters	Unit	Method	Specification
Color Test	-	Visual	Clear & Light Blue
Moisture Content	%	ASTM D6980-12	<0.7
Flakes Size	%	ASTM D6913	≥95 (8 – 12mm)
Bulk Density	g/l	ASTM D1895	260 – 350
Contamination due to PVC	ppm	EN-15348 Annex D	<5
Contamination due to Wood	ppm	EN-15348 Annex D	<20
Contamination due to Label	ppm	EN-15348 Annex D	<20
Contamination due to Glue including Flakes	ppm	EN-15348 Annex D	<50
Intrinsic Viscosity	dl/g	ASTM D1238-13	≥0.71
pH	-	Internal	6.5 – 8.5
Metal	ppm	Visual Sorting	<5

rPET Pellets (Resin 100%)

Testing Parameters	Unit	Method	76 rPET	80 rPET	84 rPET
Intrinsic Viscosity	dl/g	ASTM D1238-13	0.76±0.02	0.80±0.02	0.84±0.02
Moisture Content	%	ASTM D6980-12	<0.2	<0.2	<0.2
Bulk Density	g/l	ASTM D1895-96	830 – 910	830 – 910	830 – 910
Color Measurement	*L	ASTM D 6290-19	70 ± 4	70 ± 4	70 ± 4
	*a		<-2	<-2	<-2
	*b		<3	<3	<3
No. of Chips/Grams	No.	Manual	53 ± 3	53 ± 3	53 ± 3
Particle Size	%	ASTM D1921-18	<0.05	<0.05	<0.05
Odour	-	Organoleptic	No Odor	No Odor	No Odor
AA	ppm	ASTM F2013-10	1 max	1 max	1 max
Benzene	ppb		10 Max	10 Max	10 Max



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